

## SUPPORTING INFORMATION APPENDIX

### Supporting Methods

**Isolation of Homozygous *met1-3* and *ddc* Plants.** F<sub>1</sub> *ddc* plants were utilized in all experiments to avoid the consequences of widespread transposon activation in this mutant background; however, we were forced to use F<sub>2</sub> *met1-3* plants due to low segregation rates from seed abortion in the F<sub>0</sub> generation (1). Thus, segregating F<sub>1</sub> *ddc* plants, as well as wild-type control plants, were grown under long day conditions (16 hr photoperiod) in large quantities. Homozygous *ddc* triple mutants displaying the characteristic curled leaf phenotype (2), as well as control plants, were transplanted at ~2 weeks old, moved to short day conditions (9 hr photoperiod), genotyped, and assayed for pathogen response at 5-6 weeks old. The F<sub>2</sub> *met1-3* plants, as well as all additional RdDM and maintenance methylation mutants, were grown under short day conditions and assayed for pathogen response at 4-5 weeks old.

**RT-qPCR Analysis of *PRI* Expression Levels.** Leaf disks (~2 per leaf) were collected from tissue of at least 15 individual plants infected with *Pseudomonas syringae* pv. *tomato* DC3000 (vacuum infiltration, 1×10<sup>5</sup> cfu ml<sup>-1</sup>). Leaf tissue was harvested from untreated plants and infected plants at 1, 2, 3, 4, and 5 days post infection. Total RNA was isolated using the RNeasy plant kit (Qiagen) and cDNA was generated using oligo(dT) primers with the SuperScript III kit (Life Technologies) according to manufacturer's instructions. Real-time PCR reactions were run on an Applied Biosystems 7500 Real-Time PCR System using the Power SYBR Green PCR Mastermix (Life Technologies) according to the manufacturer's instructions. The following RT-qPCR primer pairs were used: *TUBa2\_F*, 5'- ATCTCTGCTGTGGCGGTAG-3'; *TUBa2\_R*, 5'-ACCCAGCTAAATTCAAGTTCTTGG-3'; *PRI\_F*, 5'-AGGCTAACTACAACGCT GCG-3'; *PRI\_R*, 5'-GCTTCTCGTTCACATAATTCCCAC-3' (3). Critical threshold (C<sub>t</sub>) values were calculated using the default software parameters (Life Technologies) and *PRI* expression levels, relative to *TUBa2*, were calculated using the formula 2<sup>-(ΔΔCt)</sup>. The fold change values were all normalized to the untreated Col-0 sample and the data are presented as the mean and standard deviation of three technical replicates. Notably, discrepancies in *PRI* expression levels between experiments (Fig. S4B) are a consequence of the different ages and growth conditions for the *met1-3* and *ddc* plants, as determined by the ΔC<sub>t</sub> values for the untreated Col-0 control plants: *met1-3* experiment, ΔC<sub>t</sub><sub>Col-0</sub> = 2.94; *ddc* experiment, ΔC<sub>t</sub><sub>Col-0</sub> = 6.87. The RT-qPCR experiments were repeated three times with similar results.

**Isolation of Plant Nuclei.** Plant nuclei were purified as previously described (4, 5) with modifications. All leaf tissue from untreated or stressed plants (~90 adult plants, 50-80 g fresh weight) was harvested, pooled, and shaken at 225 rpm (30 minutes, 4°C) in a 2 L Erlenmeyer flask containing 1 L of sterile water. This step removes approximately 80% of the leaf-associated bacteria. Subsequently, the tissue was chopped into small pieces, stirred in diethyl ether (5 minutes, 4°C), and washed thoroughly in cold sterile water. Three volumes of resuspension buffer (1 M sucrose, 10 mM Tris-HCl pH 7.2, 5 mM MgCl<sub>2</sub>, 5 mM 2-mercaptoethanol) were added and the tissue was homogenized using a Polytron homogenizer. The sample was filtered through 4 layers of cheesecloth, 2 layers of Miracloth (EMD Chemicals), and centrifuged at 9500 rcf for 15 minutes. Resuspension buffer containing 0.5% Triton X-100 was added to the pellet

and the crude nuclei were resuspended using a dounce homogenizer. The sample was re-centrifuged at 6700 rcf for 10 minutes, the pellet resuspended as before, and the sample was spun at 3800 rcf for 10 minutes. After resuspending the pellet, the sample was laid on top of a 35% / 60% Percoll (Sigma Aldrich) gradient and spun in an SW-28 ultracentrifuge rotor (5 minutes at 1900 rpm, then increased to 7500 rpm for 15 minutes). The nuclei were removed from the 35% / 60% interface, diluted in 5-10 volumes of resuspension buffer, and centrifuged at 6700 rcf for 10 minutes. The nuclei were further purified with two sequential rounds of 35% / 60% Percoll gradients as before, except an SW41-Ti ultracentrifuge (5 minutes at 1900 rpm, then increased to 7700 rpm for 15 minutes) was used for these additional purification steps. The final nuclear fraction from the 3<sup>rd</sup> Percoll gradient was diluted 5-10 volumes in resuspension buffer, centrifuged at 3800 rcf for 10 minutes, and the pellet was used for DNA isolation. Using this approach, 10 – 30 µg of gDNA was typically obtained.

**Preparation of Strand-Specific mRNA-Seq Libraries.** Fifty ng of poly(A) purified mRNA was fragmented by metal hydrolysis in 1X fragmentation buffer (15 minutes, 70°C), and reactions were quenched by adding 2 µl of fragmentation stop solution (Life Technologies). The fragmented RNA was purified using the RNeasy MinElute Cleanup kit (Qiagen), and subsequently treated with 5 U of Antarctic phosphatase (20 µl reaction, New England Biolabs) for 30 minutes at 37°C in the presence of 40 U of RNaseOut (Life Technologies), followed by heat inactivation of the phosphatase (65°C, 5 minutes). The RNA ends were re-phosphorylated in the presence of 20 U T4 Polynucleotide Kinase (New England Biolabs), 1 mM ATP, and 40 U RNaseOut for 60 minutes at 37°C. Purified RNA (RNeasy MinElute) was dehydrated using a SpeedVac and resuspended in 6 µl of DEPC-treated water. One µl of a 1:10 diluted stock of preadenylated DNA adaptor (v1.5 smRNA 3' adaptor, 5'-AppTCGTATGCCGTCTGCTTGidT-3', Illumina), was added to the phosphorylated RNA, incubated at 70°C for 2 min to disrupt RNA secondary structure, and placed on ice. The 3' adapter ligation reaction (10.8 µl, 22°C, 1 hour) was performed in the presence of 7.4 mM MgCl<sub>2</sub>, 20 U RNaseOut, 1X T4 RNA Ligase 2 truncated ligation buffer, and 300 U T4 RNA Ligase 2 truncated (New England Biolabs). Subsequently, 1 µl of 1:1 diluted 5' RNA adaptor oligonucleotide (SRA smRNA 5' adaptor, 5'-GUUCAGAGUUCUACAGUCCGACGAUC-3', Illumina) was heat denatured (70°C, 2 minutes), added to the 3' adapter-ligated reaction along with 1 µl of 10 mM ATP and 10 U of T4 RNA Ligase (Promega), and incubated at 20°C for 1 hour. To 4 µl of the RNA ligation products, 1 µl of 1:5 diluted RT primer (SRA RT primer, 5'-CAAGCAGAAGACGGCATACGA-3', Illumina) was added, heat denatured (70°C, 2 minutes), and stored on ice. To this solution, 2 µl of 5x first strand buffer (Life Technologies), 0.5 µl of 12.5 mM dNTPs, 2 µl of 100 mM DTT (Life Technologies), and 20 U of RNaseOut was added. Following a 3-minute incubation at 48°C, 200 U of Superscript II reverse transcriptase (Life Technologies) was added and the RT reaction was incubated at 44°C for 1 hour. The entire RT reaction was used in a PCR amplification reaction (50 µl) containing 1 µl of GEX1 (5'-AATGATACTGGCGACCACCGACAGGTTCA GAGTTCTACAGTCCGA-3') and 1 µl of GEX2 (5'-CAAGCAGAAGACGGCATACGA-3') primers (Illumina), 0.25 mM dNTPs, 1x Phusion polymerase buffer, and 1 U of Phusion hot-start high fidelity DNA polymerase (New England Biolabs). The following thermocycling parameters were used for PCR amplification: 98°C for 30 seconds, then 12 cycles of 98°C for 10 seconds, 60°C for 30 seconds, and 72°C for 15 seconds, and ending with one step of 72°C for 10 minutes. Enrichment of the PCR products was carried out by performing two sequential rounds of purification with AMPure XP (Beckman Coulter Genomics) magnetic beads: 65 µl of beads and

elution in 30  $\mu$ l of TE buffer (10 mM Tris, 1 mM EDTA, pH 8.0), followed by purification with 39  $\mu$ l of beads and elution in 10  $\mu$ l of TE buffer. Lastly, real-time PCR was used to determine the concentration of viable sequencing molecules in the library prior to high-throughput sequencing.

**High-Throughput Sequencing.** Single-end MethylC-Seq or strand-specific mRNA-Seq/smRNA-Seq libraries were sequenced for up to 88 or 44 cycles, respectively, using the Illumina Genome Analyzer IIx according to the manufacturer's instructions. The longer MethylC-Seq reads were used since they are more likely to uniquely map to the *Arabidopsis thaliana* Col-0 genome reference sequence (TAIR9). Non-strand-specific mRNA-Seq libraries were multiplexed and sequenced for 101 cycles using the Illumina HiSeq 2000 per manufacturer's instructions. Image analysis and base calling were performed using the standard Illumina analysis pipeline, with matrix and phasing calculations being performed on a control phiX or genomic DNA library.

**Processing of MethylC-Seq Reads and Identification of Methylated Cytosines.** All MethylC-Seq read alignments were performed against the Col-0 TAIR9 *Arabidopsis thaliana* genome, as well as the *cl857 Sam7* Lambda genome (48,502 bases) and the *Pseudomonas syringae* pv. *tomato* DC3000 genome (6.5 megabases). MethylC-Seq reads for each biological replicate were processed and aligned independently using the Bowtie algorithm (v0.11.3) (6) as previously described (7) with the following minor modifications. First, reads were mapped with Bowtie using the following alignment parameters: --solexa1.3-quals -e 80 -l 20 -n 0 -k 10 --best --strata --nomaqround. Second, mapped reads containing more than three mismatches or more than three cytosines in a non-CG sequence context were not discarded since *Arabidopsis thaliana* is known to possess large stretches of non-CG methylation. Methylated cytosines for each biological replicate were independently identified as described previously (7). The bisulfite conversion rates were all calculated to be greater than 98.5% (Table S1).

**Mapping and Processing of mRNA-Seq Reads.** mRNA-Seq reads generated with the Illumina analysis pipeline (fastQ format) were trimmed to 40 (strand-specific mRNA-Seq library) or 101 (non-strand-specific mRNA-Seq library) bases and then aligned to the *Arabidopsis thaliana* TAIR9 reference sequence using the TopHat software package (v1.0.12 or later) (8). For analysis of protein-coding genes, only uniquely mapping reads were used. Reads were also discarded that mapped exclusively to intergenic or intronic regions, as well as antisense to known protein-coding genes (TAIR9 gene models). Thus, only reads overlapping known exonic regions were used to calculate transcript levels (FPKM, Fragments per kilobase of transcript per million fragments) with the Cufflinks software package (9) using the TAIR9 gene models. To assess the samples, hierarchical clustering was performed on the Pearson correlation of the log<sub>2</sub>-transformed FPKM values as a measure of distance (as 1 – Pearson correlation) using the *hclust* R function (Figs. S3 and S13). Lastly, differentially expressed genes were identified with the DESeq R package using a 5% FDR cutoff (10). For analysis of transposon genes, trimmed strand-specific mRNA-Seq reads (40 bases) were mapped using TopHat (v1.3.2) allowing for a maximum of 40 mapping locations before directly identifying differentially expressed transposons with DESeq (5% FDR).

**Transcriptional Analysis of the DNA Methylation Mutants.** Differential transcript abundance at all genes was calculated as the base-2 logarithm of the expression ratio (FPKM<sub>mutant</sub>/FPKM<sub>wild-</sub>

type), where FPKM values were generated using the Cufflinks software. Genes that showed no expression in both genotypes (FPKM = 0) were discarded. Also, genes with multiple splice variants were collapsed to a single splice form by using the isoform that displayed the maximum FPKM value. Untreated and *Pst*-treated (5 d.p.i.) datasets (single replicate per genotype) were similarly processed for differential expression. All data were normalized by dividing each differential expression value by the 92<sup>nd</sup> percentile of all differential expression values, and values greater than 1 or less than -1 were forced to 1 or -1, respectively. Data were displayed in a heatmap using the *heatmap.2* R function following one-dimensional hierarchical clustering (*hclustfun* = *hclust*, *Rowv*=T).

**Mapping of smRNA-Seq Reads.** Small RNA sequencing reads were processed and mapped to the TAIR9 reference genome as previously described (7). Reads corresponding to microRNAs were discarded since they represent a large proportion of the 21nt reads and because they were not essential to our analyses. The remaining reads represent the filtered smRNA library.

**Identifying Regions of Differentially Methylated Cytosines.** Cytosines were selected for differential methylation analysis based on the following criteria: the genomic position is covered by at least four reads in each biological replicate of the untreated sample and the stressed-treated sample, and the position is called as methylated in at least one of the four methylomes (2 replicates per sample). Using this approach, 4,046,648 – 4,399,784 positions were identified that fulfill these requirements depending on which samples were compared. The methylation level (mC/C) was calculated at every position for all four replicates. Regions of differentially methylated cytosines (DMRs, consisting of multiple DmCs) were identified using Linear Mixed Effect models (LME; R library *nlme*), a statistical modeling approach that considers both fixed and random effects. This method was used to perform a pairwise analysis, comparing two samples (S1 and S2) that are each comprised of two biological replicates (Sn.1 and Sn.2, n = 1, 2). The fixed effects represent the comparison between the two samples (i.e., the difference in the methylation level between samples at a given genomic position), while the random effects are used to model the variability within each sample (i.e., the variability between replicates). Importantly, cytosines in each sequence context (CG, CHG, or CHH; where H = A, C, or T) were processed independently (Fig. 2D) due to the intrinsic differences in the methylation levels (mC/C) of cytosines at each context (Fig. S5).

Cytosines selected for DMR analysis were filtered based on their distance to the closest transcriptional start site (gene rich, < 5 Kb to closest TSS; gene poor, > 5 Kb to closest TSS; Figs. 2B and S7), and the LME analysis was performed on each subset of positions. To further reduce the number of statistical tests, positions that displayed identical or very similar methylation levels between samples were filtered out. First, the empirical differential methylation level (EDM) was determined between replicates for each sample using  $EDM_{Rep.} = \{ |S1.1-S1.2|, |S2.1-S2.2| \}$ , and the 90<sup>th</sup> percentile of the  $EDM_{Rep.}$  was determined ( $EDM_{Rep.,90th}$ ). Second, the EDM between samples was then computed using  $EDM_{Sample} = | avg(S1.1, S1.2) - avg(S2.1, S2.2) |$ . Finally, positions where the  $EDM_{Sample} > EDM_{Rep.,90th}$  were maintained for subsequent analysis (~10% false positives). These cytosines represent potential “start sites” for the DMRs. We have also taken into account the fact that the noise associated with calculating methylation levels decreases as the sequencing depth increases. For this reason, a weight was assigned to each position based on its sequencing depth: the 99<sup>th</sup> percentile of the depths at all positions was

determined ( $\text{depth}_{99\%}$ ) and the weight at each position was computed as  $\text{depth}_{\text{Position}}/\text{depth}_{99\%}$ . All weights greater than 1 were forced to 1.

Finally, regions were initiated from each DmC “start site” and extended through the next 3 adjacent cytosines (moving 5’ to 3’, minimum of 4 DmCs per region, maximum 100 bp extension), and the LME  $P$ -value was calculated using the weighted methylation levels at these positions. If the  $P$ -value  $< 0.05$ , the region was extended through the next 2 downstream positions and the LME  $P$ -value was recalculated. The following restrictions were applied during the extension process: the EDM of the downstream positions must be consistent with the EDM of the pre-existing positions within the region (maximum 2 standard deviations from the mean), the direction of methylation change of the downstream positions must be consistent with that of the preexisting positions within the region (i.e., hypo- or hyper-methylation, no more than one position different from the others), and the regions were extended for no longer than 100 basepairs (distance between the first and last DmC). This extension process was continued until the LME  $P$ -value increased above 0.05. Lastly, LME  $P$ -values are corrected for multiple testing using the Benjamini-Hochberg method. The corrected  $P$ -value ( $P_{\text{Cor}}$ ) represents the false discovery rate (FDR) for all the DMRs with a LME  $P$ -value equal to or less than  $P_{\text{Cor}}$ . A 1% FDR threshold was used to identify statistically significant DMRs. This analysis was repeated to independently identify DmCG, DmCHG, and DmCHH regions.

**DmC Enrichment Analysis.** DmCs were defined as cytosines captured by the DMR analysis (aggregate of DmCGs, DmCHGs, and DmCHHs; Fig. S7). For many analyses DmC enrichment was calculated independently for cytosines in each sequence context, however, DmCHG enrichment was often omitted since very few DmCHGs were identified. DmC enrichment was calculated using  $(\text{DmC}_{\text{feature}}/\text{DmC}_{\text{total}})/(\text{mC}_{\text{feature}}/\text{mC}_{\text{total}})$ , where “total” represents the number of cytosines in gene rich regions (Figs. 2F and 2G) or genome-wide (Fig. 2B). Genome features (transposons, protein-coding genes, CDS, introns, 3’ UTRs) were defined using TAIR9 genome coordinates. The 5’ UTR was omitted from our analysis since very few DmCs were found within this feature. The “other genes” category (Fig. 2F) includes genes encoding the following: miRNAs, ncRNAs, rRNAs, snoRNAs, snRNAs, tRNAs, pseudogenes, and transposable element genes. Intergenic regions were defined as genomic positions that do not overlap with any other feature. Similarly, DmCG and DmCHH enrichment values were separately calculated for five bins upstream or downstream (300 bp each, Fig. 2G) of protein-coding genes (genes which TSS  $< 5$  Kb from closest mC). To determine the enrichment within these genes, each gene body was subdivided into five equally sized bins, the number of DmCs and mCs were counted in each bin, summed across all the genes considered, and the enrichment values were calculated as described above. Similarly, an identical approach was used to calculate the enrichment of DmCHHs-TE (DmCHHs positioned within transposable elements) relative to mCHHs-TE in regions upstream, within, and downstream of protein-coding genes (Fig. S10). Finally, enrichment  $P$ -values for each feature (Fig. 2F) or bin (Figs. 2G and S10) were calculated by comparing the number of DmCs to mCs using the hypergeometric test (*phyper* R function).

**Comparing Methylation Levels Between Samples.** First, differential methylation levels at all DmCs (aggregate of the DmCGs, DmCHGs, and DmCHHs) were compared between the untreated (two replicates), 3 d.p.i. *Pst*-treated (single replicate), and 5 d.p.i. *Pst*-treated (two replicates) samples by calculating the methylation levels (mC/C) at the  $\text{DmC}_{5\text{d.p.i.}Pst}$  positions (i.e., cytosines that were identified as differentially methylated upon *Pst* exposure at 5 d.p.i., Fig. 2C).

Similarly, the methylation levels (average of the two replicates) at DmCGs, DmCHGs, and DmCHHs were independently compared between the untreated and treated (SA, virulent and avirulent bacteria at 5 d.p.i.) samples at the  $DmC_{5d.p.i.Pst}$  positions (Fig. 3A). To be considered for these analyses we required that at least 4 reads cover each position for each biological replicate. Hierarchical clustering was then performed on the Pearson correlation of these methylation levels as a measure of distance (as  $1 - \text{Pearson correlation}$ ) using the *hclust* R function.

Second, the total number of DmCGs, DmCHGs, and DmCHHs were determined for each of the three samples (Figs. 3B and 3C), and the levels of differential methylation at these cytosines were calculated using  $\text{avg}(\text{mC}/\text{C}_{\text{Treated.1,2}}) - \text{avg}(\text{mC}/\text{C}_{\text{Untreated.1,2}})$ . Differential methylation levels for each sample and context were normalized by dividing each dataset by the 99.9<sup>th</sup> percentile, and values greater than 1 or less than -1 were forced to 1 or -1, respectively. Each dataset was numerically ordered (1 to -1) and the values were displayed in a heatmap using the *heatmap.2* R function (Fig. 3C). Furthermore, DmCG and DmCHH positions that were in common between two of the samples were identified (all three sample comparisons were performed, Fig. S11), and the number of overlapping DmC positions was compared to the number of overlapping randomly generated cytosine positions. Random positions from gene rich regions (< 5 Kb to TSS) were drawn without replacement (R library sampling) for each sample in order to match the number of DmCGs or DmCHHs before identification of the overlapping random positions. Finally, the differential methylation levels at overlapping DmCGs or DmCHHs were plotted against each other for each of the three sample comparisons (Fig. 3E).

Finally, differential methylation levels for each sequence context were examined on a chromosome-wide scale (Fig. 3D) by calculating the signal to noise (STN) ratio in 1 Kb windows using  $[\text{avg}(\text{mC}/\text{C}_{\text{Treated}}) - \text{avg}(\text{mC}/\text{C}_{\text{Untreated}})] / [\text{st.dev}(\text{mC}/\text{C}_{\text{Treated}}) + \text{st.dev}(\text{mC}/\text{C}_{\text{Untreated}})]$ , where  $\text{mC}/\text{C}_{(\text{U})\text{treated}}$  represents a vector containing all the methylation levels ( $\text{mC}/\text{C}$ ) found within a 1 Kb window for a particular sample (concatenation of both biological replicates). Cytosines used in this analysis were identical to those used to identify the DMRs (see requirements above). The differential methylation STN values for each methylation context were calculated for chromosome 1, the values were normalized ( $\text{STN}/\text{STN}_{99\%}$ , 99% = 99<sup>th</sup> percentile; values > 1 were forced to 1), and data smoothing was performed before plotting using cubic splines (*smooth.spline* R function, *spar* = 0.4).

**Associating DMRs with Proximal Genes.** Statistically significant DMRs (1% FDR) were first classified as being positioned in within (genic) or outside of (non-genic) protein-coding genes (TAIR9) based on the position of the DMR midpoint relative to the gene start/ends. Importantly, alternatively spliced transcripts were collapsed into a single set of genomic coordinates (minimum start, maximum end) for this analysis. Each genic DMR was associated with their overlapping gene by default. Non-genic DMRs were assigned to the closest protein-coding gene by calculating the distance from the DMR midpoint to the most proximal transcriptional start site (maximum 5 Kb from DMR). The expression levels (FPKM) for the DMR-associated genes were determined for both pairs of biological replicates (Untreated.1,2 and Treated.1,2). Genes associated with DMRs were reported as unexpressed if the FPKM < 1 for all four samples.

Differential expression values for DMR-associated genes, or all genes, were calculated using  $\log_2(\text{FPKM}_{\text{avg}(\text{Treated.1,2})}/\text{FPKM}_{\text{avg}(\text{Untreated.1,2})})$ , where a zero FPKM value was replaced with the minimum expected value of the replicate dataset (minimum FPKM). A box-and-whiskers plot (*boxplot* R function) of the differential expression levels (absolute value) of expressed genes associated with hypomethylated or hypermethylated DMRs was generated and these distributions

were compared to genome-wide differential expression levels (only expressed genes with a TSS < 5 Kb from the closest mC were used, Fig. 4B). *P*-values were generated using a two sample, unpaired Wilcoxon test (*wilcox.test* R function). Additionally, differentially expressed genes (5% FDR, DESeq) associated with DMRs were tagged for subsequent DEG enrichment analysis. Finally, gene ontology (GO) enrichment analysis (Fig. 4A) was performed on all DMR-associated genes using DAVID (11, 12) (background, all genes which TSS < 5 Kb from closest mC; category, GO Fat).

To examine the transcript levels of the DMR-associated genes in the *met1-3* and *ddc* mutants, genes associated with hypomethylated DMRs that were identified during any stress condition were collapsed into a single list (i.e., genes that have the potential to be dynamically regulated by DNA demethylation). Unexpressed genes (FPKM < 1 for all mRNA-Seq datasets) were then removed (1,635 DMR-associated genes; 18,825 genome-wide). Differential expression ( $\log_2[\text{FPKM}_{\text{mutant}}/\text{FPKM}_{\text{wild-type}}]$ ) was calculated for both untreated and *Pst*-treated (5 d.p.i.) conditions for each mutant, and values greater than 15 or less than -15 were forced to 15 or -15, respectively. Enrichment of DMR-associated genes displaying a discrete range of differential expression values (-15 to 15, 6 equally sized bins) was calculated as  $(\#\text{DMR-genes}_{\text{bin}}/\#\text{DMR-genes}_{\text{all}}) / (\#\text{genes}_{\text{bin}}/\#\text{genes}_{\text{all}})$  and *P*-values were generated with the hypergeometric test (Fig. 4D).

**Enrichment of Differentially Expressed Genes or Transposons Proximal to DMRs.** First, genes associated with DMRs were examined for enrichment of differentially expressed genes (Fig. 4C) using the following criteria: unexpressed genes were discarded (DMR-associated and genome-wide datasets, FPKM < 1 all four replicates), only genes with a TSS < 5 Kb from the closest mC were used for the genome-wide dataset, hypo- and hyper-methylated DMRs within either genic or non-genic regions were partitioned into four subsets and analyzed independently, and finally, the enrichment values for up- and down-regulated DEGs for all four subsets were calculated. Fold enrichment values were calculated using  $(\#\text{DEGs}_{\text{subset}}/\#\text{DEGs}_{\text{genome-wide}}) / (\#\text{Genes}_{\text{subset}}/\#\text{Genes}_{\text{genome-wide}})$  and *P*-values were calculated with the hypergeometric test (*hyper* R function).

Next, DMR-associated TEs (DMR-TEs, transposons that directly overlap with DMRs) were tested for enrichment of differentially expressed transposons (DETs, 5% FDR, Fig. 5C). Hypo- and hyper-methylated DMR-TEs were independently tested for enrichment of either up- or down-regulated DETs. Enrichment values were calculated as  $(\#\text{DMR-DET}_{\text{subset}}/\#\text{DET}_{\text{genome-wide}}) / (\#\text{DMR-TE}_{\text{subset}}/\#\text{TE}_{\text{genome-wide}})$  and *P*-values were generated with the hypergeometric test. Importantly, transposons that overlap with protein-coding genes were discarded from this analysis because mRNA-Seq reads corresponding to these transposons could not be resolved from those of the protein-coding genes.

Enrichment of transposons proximal to DMR-associated DEGs (Fig. 5D) was determined by initially classifying DEGs, which have a TSS < 5 Kb from the closest mC, as either being associated with non-genic DMRs (ngDMR-DEGs) or not. Next, the DMRs proximal to the ngDMR-DEGs were tested for whether they overlap with a transposon (TE-ngDMR-DEGs). Furthermore, the closest upstream transposon to all DEGs (maximum distance of 5 Kb from the TSS) was determined and genes that fulfill this requirement were classified as TE-DEGs. Only a single transposon was associated with either the TE-ngDMR-DEGs or TE-DEGs. The transposon density fold enrichment was calculated using  $(\#\text{TE-ngDMR-DEGs}/\#\text{ngDMR-DEGs}) / (\#\text{TE-DEGs}/\#\text{DEGs}_{\text{all}})$  for 250 bp windows upstream of the TSS (up to -5 Kb, 20 bins). An identical

analysis was performed for windows downstream of the DEG TSS (up to +5 Kb, 20 bins). Furthermore, this process was repeated for non-DEGs and the fold enrichment values were plotted and compared to the DEG analysis. TE enrichment 2 Kb upstream of the TSS was compared between the DMR-DEGs and DMR-non-DEGs datasets by first computing the number of TE-ngDMR-DEGs and TE-DEGs in the -2 Kb bin for each set, and then calculating the chi-square *P*-value for DMR-DEGs (observed) versus DMR-non-DEGs (expected). The gene density downstream of the TSS was then computed for each window as  $\#DEGs_{window}/\#DEGs_{all}$ , where  $\#DEGs_{window}$  represents the number of DEGs that overlap with a particular window. Finally, we calculated the average TE abundance (#TEs/gene) within  $\pm 5$  Kb of the TSS of either all genes, expressed genes (FPKM<sub>Untreated</sub> value of at least 1), stress genes, DEGs, non-DEGs, or DMR-associated genes. Stress genes were those genes with either of the following gene ontology annotations (GO Slim term, TAIR): 1) response to stress or 2) response to abiotic or biotic stimulus.

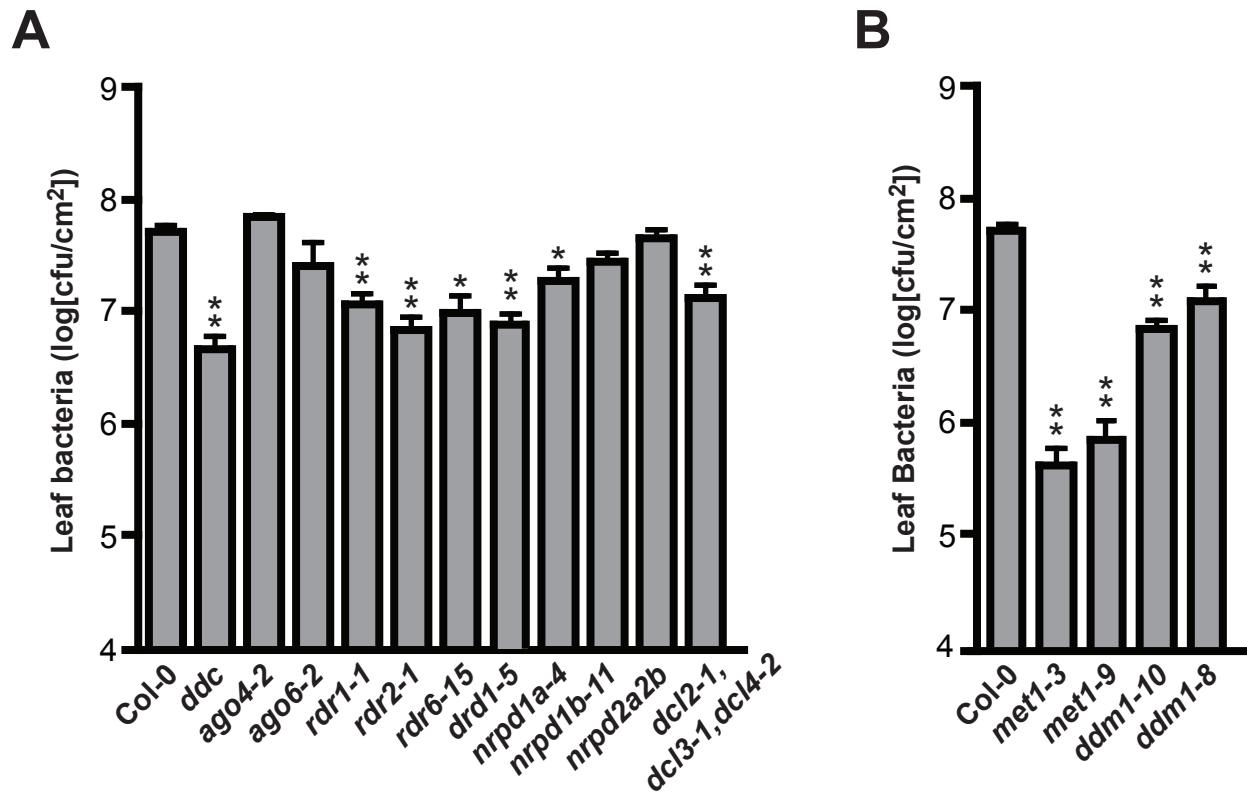
**Calculation of siRNA Densities.** Small RNA read totals for 21, 22, 23, or 24-nucleotide (nt) small interfering RNAs (siRNAs) were independently calculated for the entire genome, within transposons, or outside of transposons for the untreated and SA-treated smRNA-Seq datasets (Fig. 5A). Importantly, a read mapping to a particular genomic location was expressed as the number of read copies relative to the number of mapping locations (#copies/#mapping locations). Next, the reads that overlap with each feature (genome-wide, within TEs, outside TEs) were summed and normalized to the size of the library for each biological replicate. The replicate values were averaged and the ratio of SA-induced siRNAs to untreated siRNAs was calculated for each size class.

Similarly, 21 and 24nt siRNA read densities at TE-associated DMRs (DMRs that overlap transposons) were independently calculated either at CG or non-CG (aggregate of CHG and CHH) DMRs (Fig. 5B). Normalized read totals were calculated in 100 bp bins upstream (-1 Kb, 10 bins) and downstream (+1 Kb, 10 bins) of each DMR, and the read totals for each bin were averaged across the two biological replicates. Subsequently, corresponding bins were summed between all of the CG or non-CG DMRs for both datasets. All bin sums were normalized to the maximum bin value, and data smoothing was performed before plotting using cubic splines (*smooth.spline* R function, *spar* = 0.6).

**Global Analysis of SA-Induced Differentially Expressed Transposons.** Following identification of differentially expressed transposons (DETs, 5% FDR, DESeq), the average level of differential methylation was calculated across the length of each DET using  $[\text{avg}(\text{mC/C}_{SA}) - \text{avg}(\text{mC/C}_{Untreated})]$ . At least 4 mCs/DET, each having a read coverage of at least 4 reads/sample, were required to generate a differential methylation value, otherwise a value of 0 was used. Next, each DET was queried for whether they overlap a hypo- or hyper-methylated DMR. Differential expression of 21nt siRNAs was calculated across the length of each DET as  $\log_2[\text{Avg}_{Reps.}(\Sigma \text{ Normalized 21nt Reads, SA})/\text{Avg}_{Reps.}(\Sigma \text{ Normalized 21nt Reads, Untreated})]$ . At least 10 reads/DET for at least one of the samples was required to generate a differential expression value, otherwise a value of 0 was used. To determine whether a differentially expressed gene (DEG) was positioned proximal to a DET, we first identified the protein-coding gene positioned closest to the DET based on the distance between the TSSs. Next, the proximal gene was queried for whether it was a DEG (5% FDR, DESeq), and finally, the base-2 logarithm of the expression ratio was calculated (a value of 0 indicates no significant change in expression).

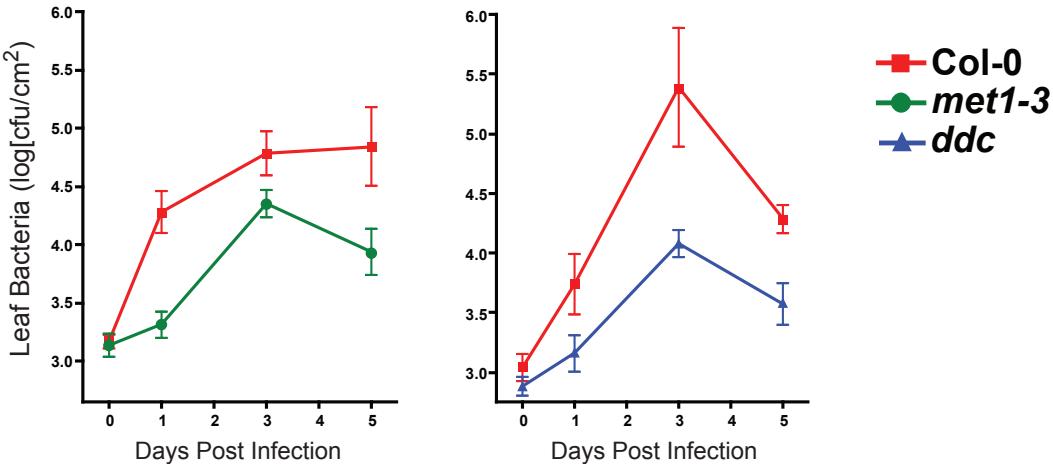
Each individual data type (except the DMR overlap data) was normalized by dividing each value in the set by the 99<sup>th</sup> percentile of the set, and values greater than 1 or less than -1 were forced to 1 or -1, respectively. Data was sorted based on the differential expression level of the DET and were displayed in a heatmap using the *heatmap.2* R function (*hclustfun* = hclust, *Colv*=F, *Rowv*=F).

**Visualization of Sequencing Datasets in the AnnoJ Genome Browser.** The mapped MethylC-Seq, smRNA-Seq, and mRNA-Seq reads, as well as all mCs and DMRs, with respect to the TAIR9 reference sequence, gene models, and functional genomic elements were visualized in the AnnoJ 2.0 genome browser as previously described (13). All datasets described above can be viewed in the AnnoJ browser at: [http://neomorph.salk.edu/arabidopsis\\_methylomes/stressed\\_ath\\_methylomes.html](http://neomorph.salk.edu/arabidopsis_methylomes/stressed_ath_methylomes.html).

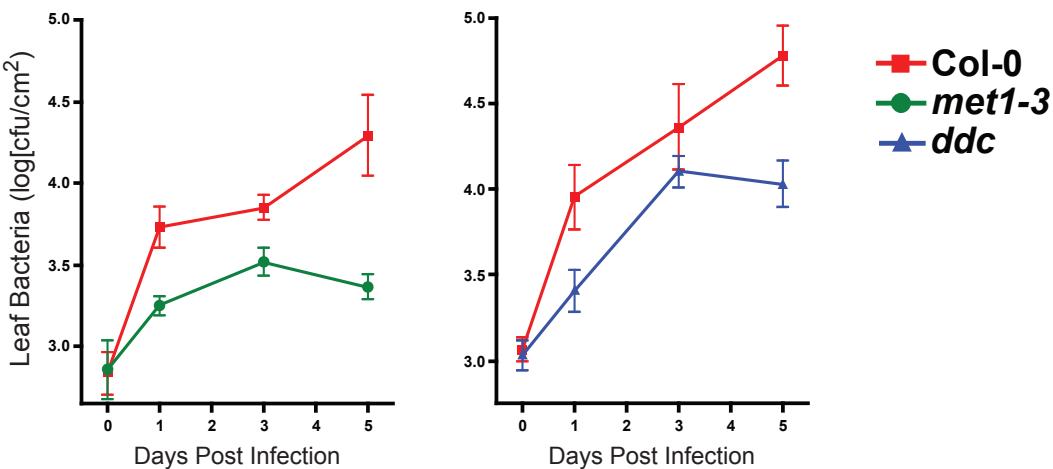


**Fig. S1.** Comparison of bacterial growth in CG and non-CG methylation mutants. The indicated (A) non-CG or (B) CG methylation mutant plants were vacuum infiltrated with *P. syringae* pv. *tomato* DC3000 ( $1 \times 10^5$  cfu ml $^{-1}$ ), the leaf tissue was collected at 3 days post infection, and the bacteria were extracted and quantified. Data are represented as the mean  $\pm$  s.e.m. of at least 13 technical replicates from two independent experiments. A one-way ANOVA with a post hoc Bonferroni correction was used to compare the amount of bacteria in wild-type (Col-0) to mutant plants ( $P$ -values: single asterisk,  $P < 0.05$ ; double asterisk,  $P < 0.001$ ).

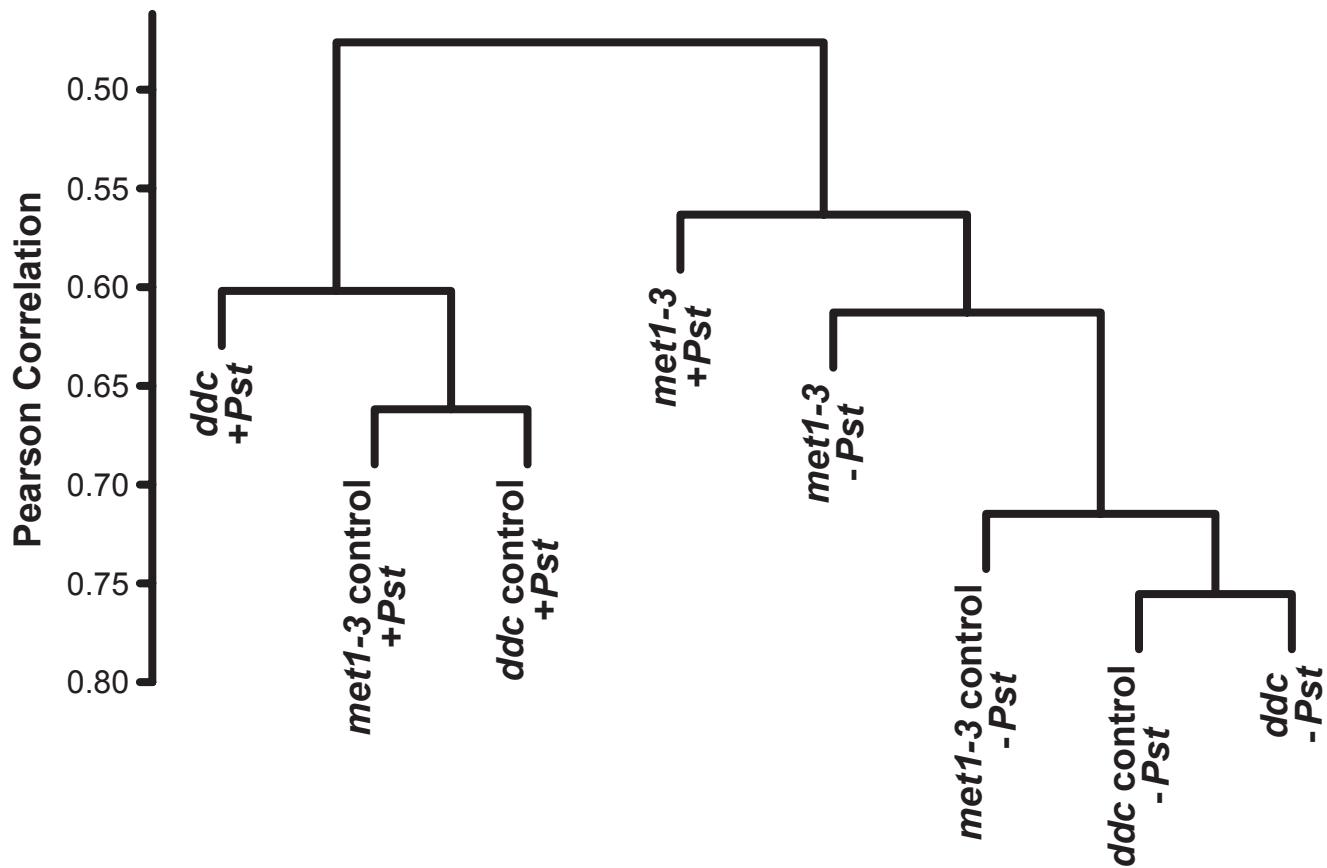
### *Pst (avrPphB)*



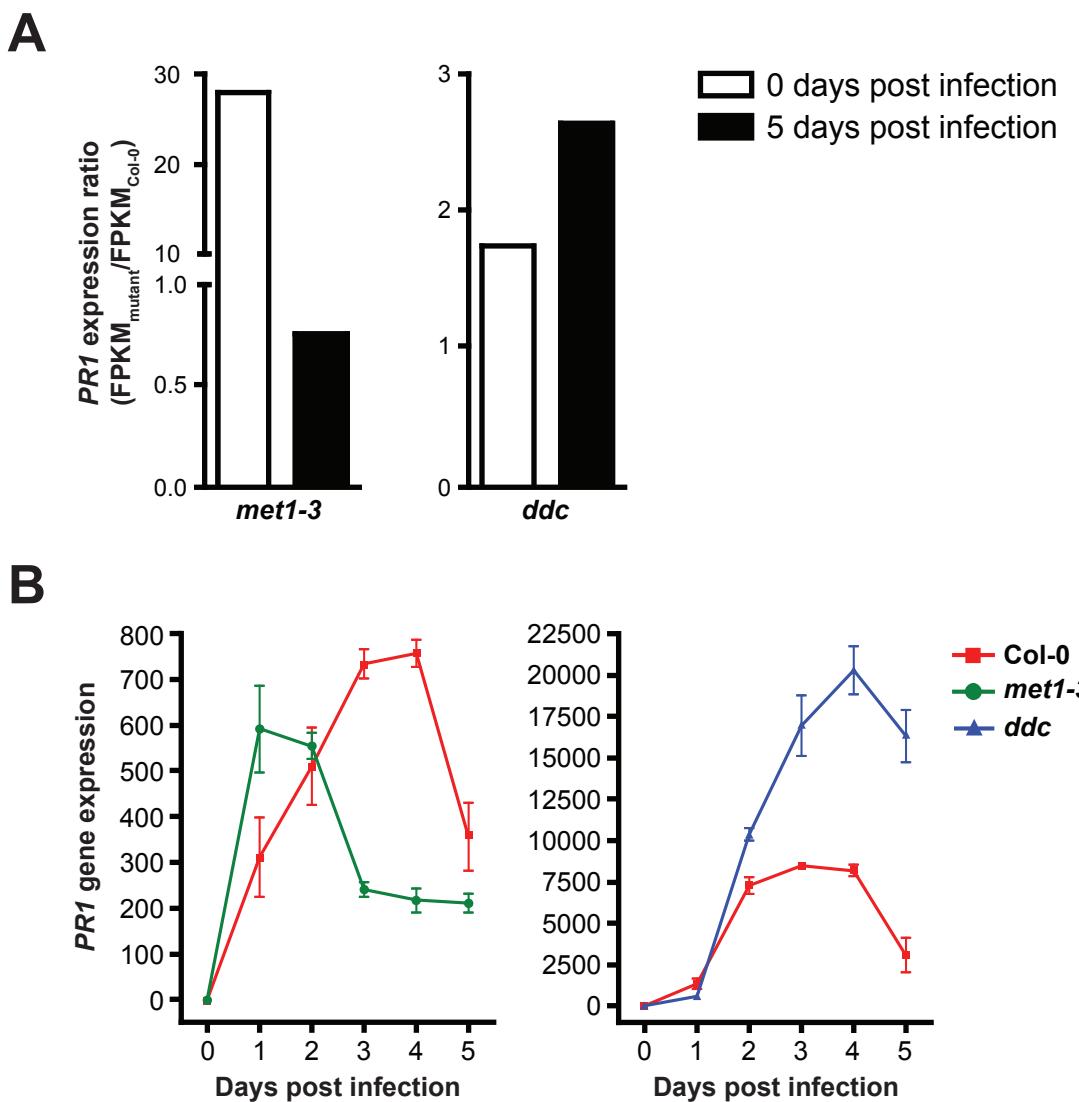
### *Pst (hrcC<sup>-</sup>)*



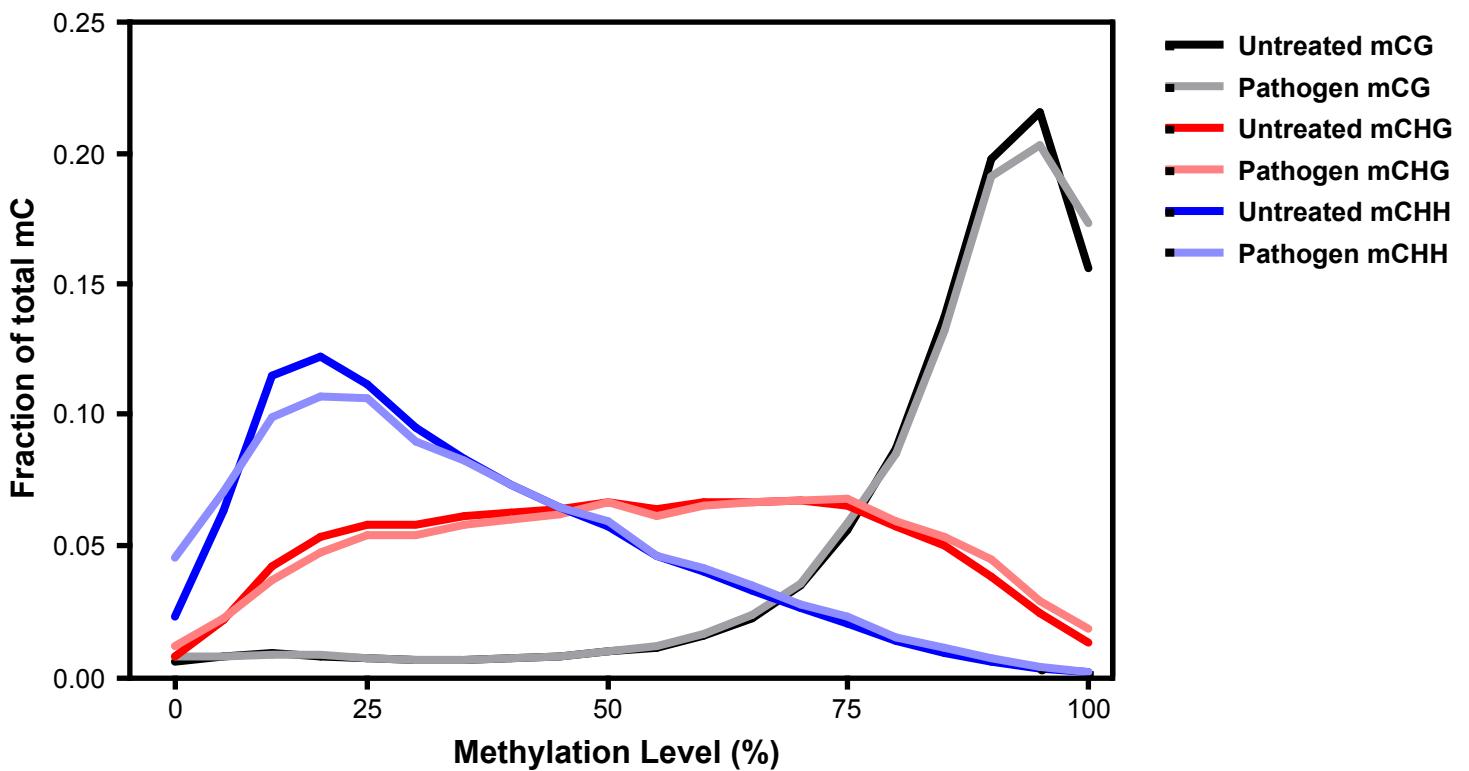
**Fig. S2.** DNA methylation mutants possess enhanced resistance to avirulent and non-pathogenic bacteria. Adult plants were infected with the indicated *P. syringae* pv. *tomato* DC3000 strains ( $1 \times 10^5$  cfu ml<sup>-1</sup>) by vacuum infiltration and leaf bacteria were extracted and quantified at the indicated time points. Bacterial growth of the *Pst(avrPphB)* and *Pst(hrcC<sup>-</sup>)* strains is restricted through R gene or basal defense pathways, respectively. Bacterial counts are displayed as the mean  $\pm$  s.e.m. of eight technical replicates.



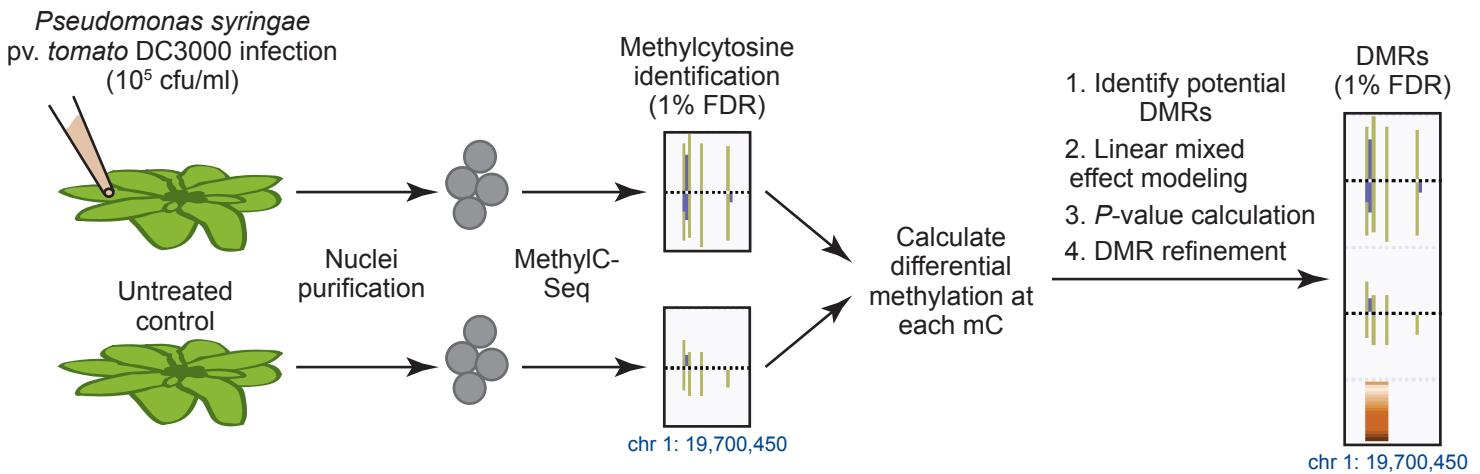
**Fig. S3.** Correlation of genome-wide transcript levels in wild-type and DNA methylation mutants as determined by mRNA-Seq. A dendrogram depicting the transcript levels (FPKMs) of all untreated (-*Pst*) and pathogen-treated (+*Pst*) mRNA-Seq data sets based on hierarchical clustering of the Pearson correlation of all expressed genes (FPKM>0). The control plants (Col-0) are matched to each mutant genotype. FPKMs, fragments per kilobase of transcript per million fragments.



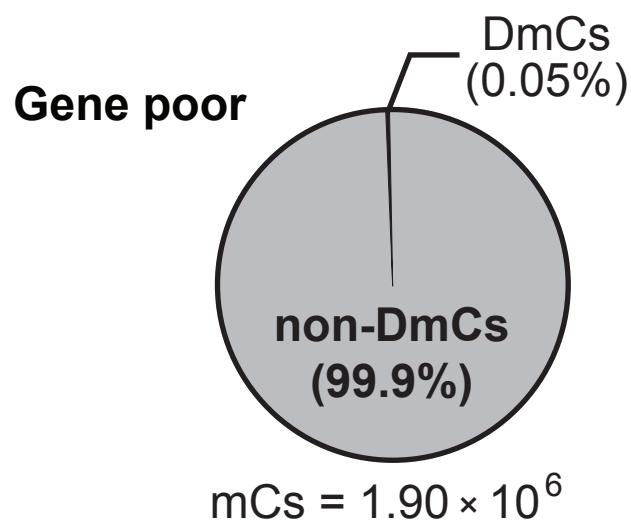
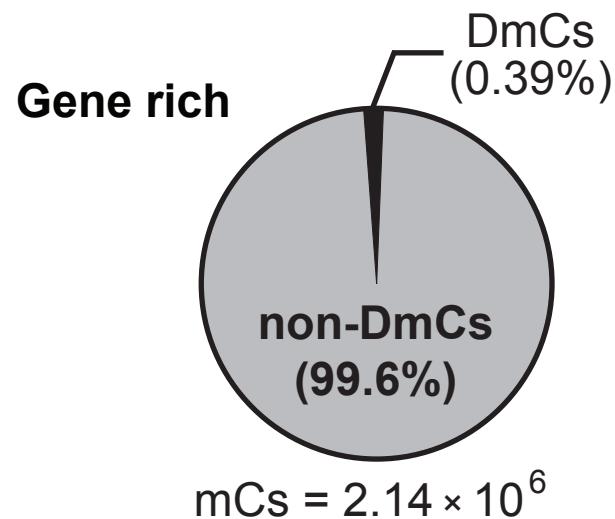
**Fig. S4.** *PR1* transcript is upregulated in mutants globally defective in DNA methylation. (A) A ratio of FPKM values (fragments per kilobase of transcript per million fragments) at the *PR1* locus in untreated and pathogen infected plants as determined by mRNA-Seq. (B) A time course of *PR1* expression levels (relative to *TUBA2*) as measured by RT-qPCR and normalized to untreated Col-0 expression levels. Discrepancies in *PR1* expression between experiments are a consequence of different plant growth conditions (see SI Appendix, Supporting Methods). RT-qPCR data are displayed as the mean  $\pm$  s.d. of three technical replicates and are representative of three independent experiments.



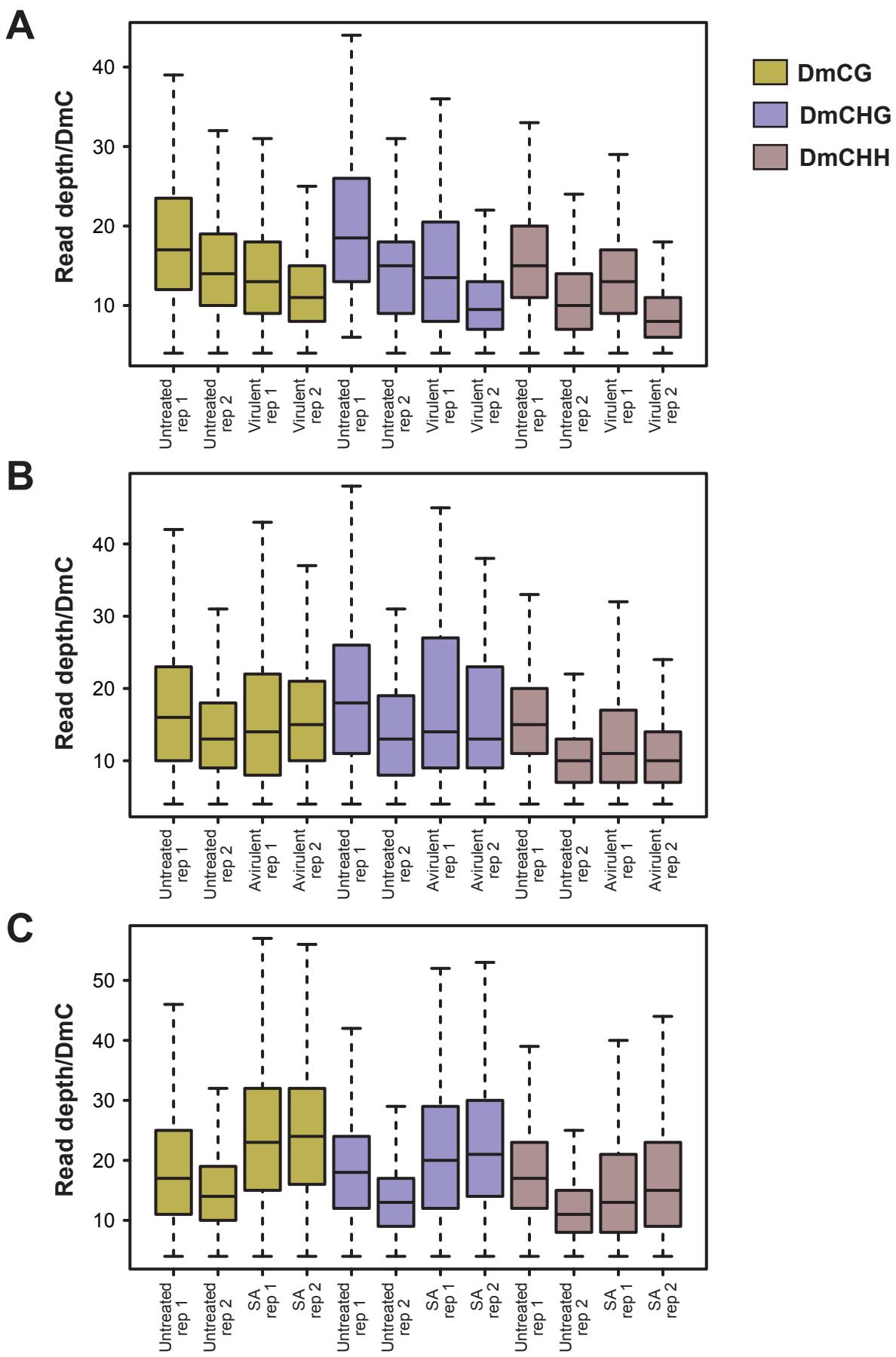
**Fig. S5.** The genome-wide distribution of cytosine methylation levels. Percent methylation levels ( $100 \times mC/C$ ) were calculated for each biological replicate at genomic cytosines with sufficient coverage (at least 4 reads per replicate) and where a methylcytosine was identified in at least one of the two biological replicates. The distributions of the methylation levels (mean of two replicates) for untreated and pathogen-treated (5 d.p.i. *Pst*) samples were plotted for each sequence context.



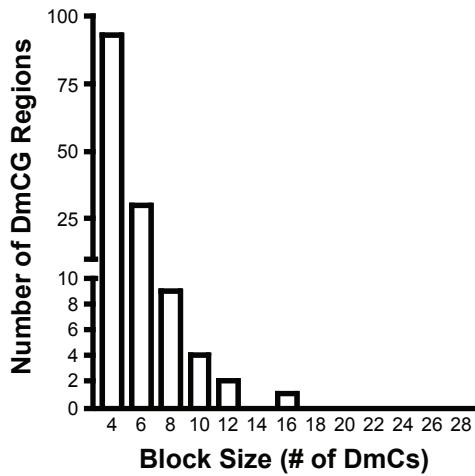
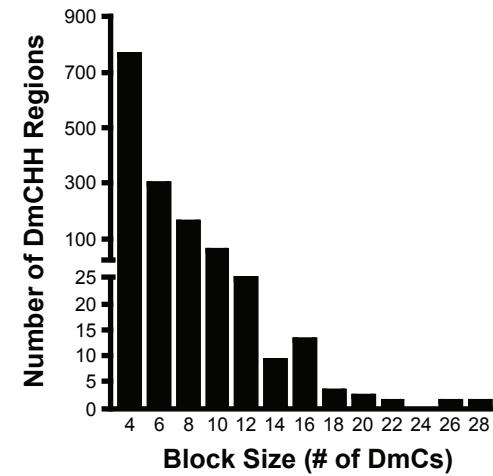
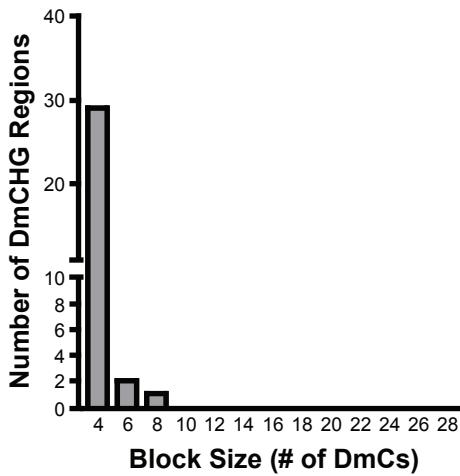
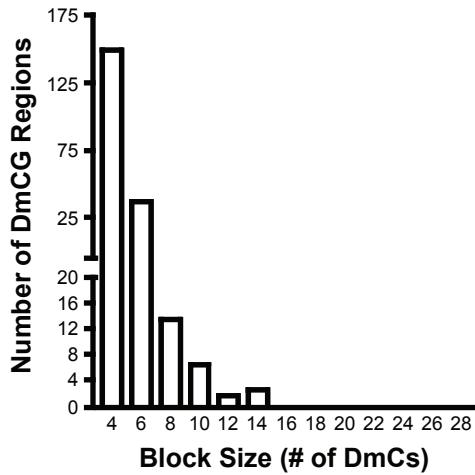
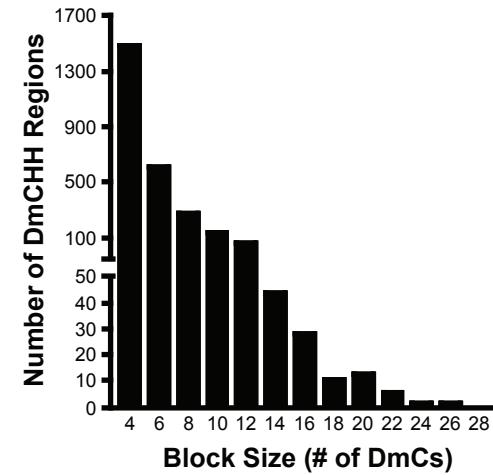
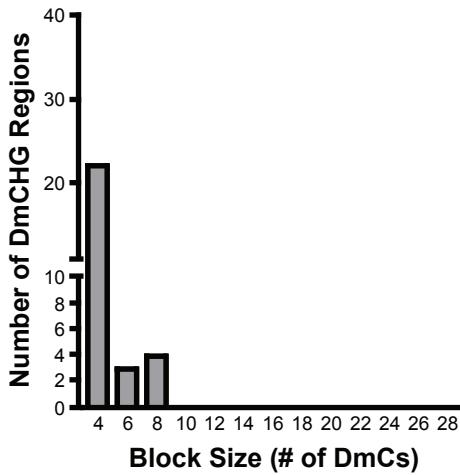
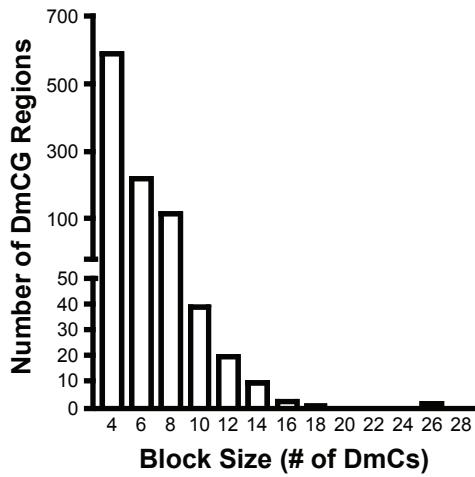
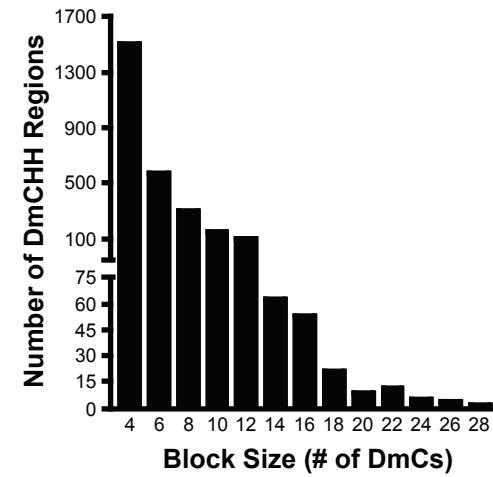
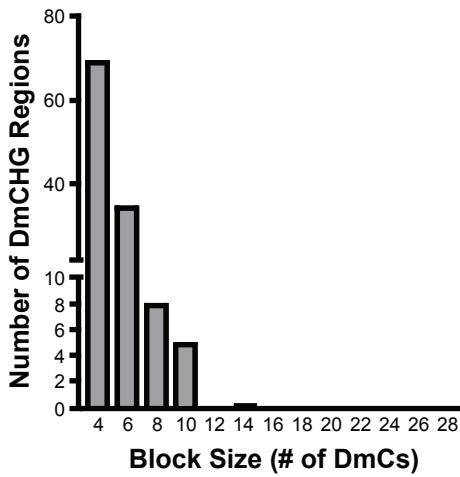
**Fig. S6.** The general approach used to identify genome-wide stress-induced changes in cytosine methylation. Nuclei from infected leaf tissue (or salicylic acid treated tissue) were isolated using a rigorous purification strategy followed by high-throughput sequencing of bisulfite-treated genomic DNA. Following read mapping and mC identification (1% FDR), differential methylation (DmC) levels were determined at each methylcytosine and positions that displayed similar mC levels were removed. The remaining positions represent potential start sites of differentially methylated regions (DMR). A Linear Mixed Effect (LME) model was used to determine if the DmC levels observed at the start sites and the surrounding downstream positions were statistically significant. A DMR was extended until the LME *P*-value increased above a 0.05 statistical threshold. Finally, DMR *P*-values were adjusted for multiple testing by using the Benjamini-Hochberg method and a 1% false discovery rate (FDR) was set as a cutoff.



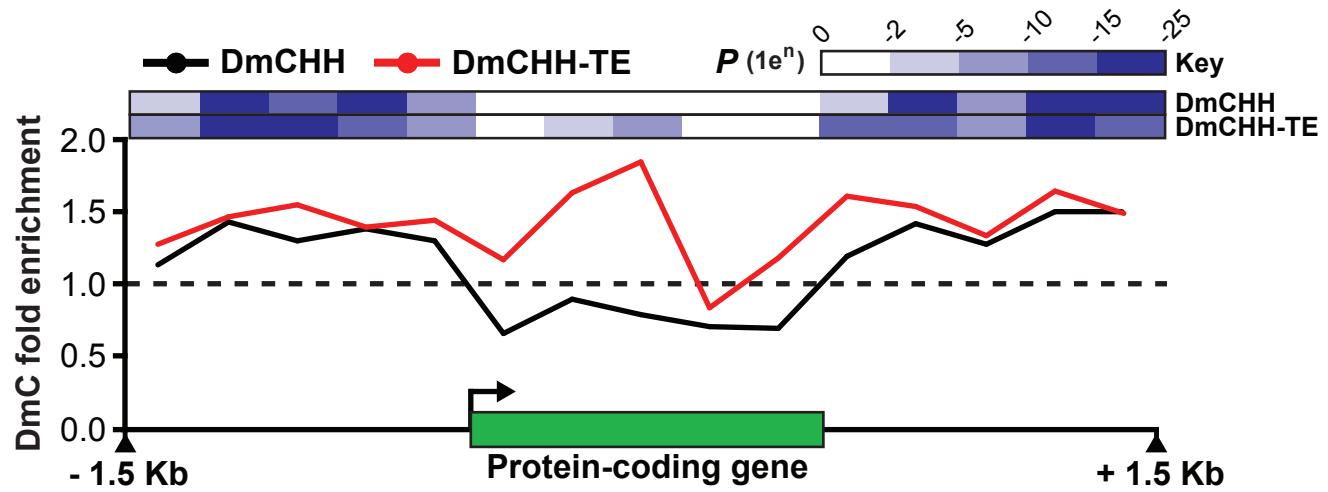
**Fig. S7.** DmCs are enriched in gene-rich regions. The percentage of cytosines identified as DmCs or non-DmCs was calculated for gene-rich (<5 Kb to closest TSS) or gene-poor (>5 Kb to closest TSS) regions.



**Fig. S8.** The distribution of read depths at the DmCs identified by the LME modeling approach. The depths at DmCGs, DmCHGs, and DmCHHs are displayed according to the key for each of the two biological replicates for the (A) virulent *Pst*, (B) avirulent *Pst*, and (C) salicylic acid (SA) samples. The read depths at the corresponding positions for the untreated replicate samples are also shown in each panel.

**A****Virulent *Pst*-induced DMRs****B****Avirulent *Pst*-induced DMRs****C****Salicylic Acid-induced DMRs**

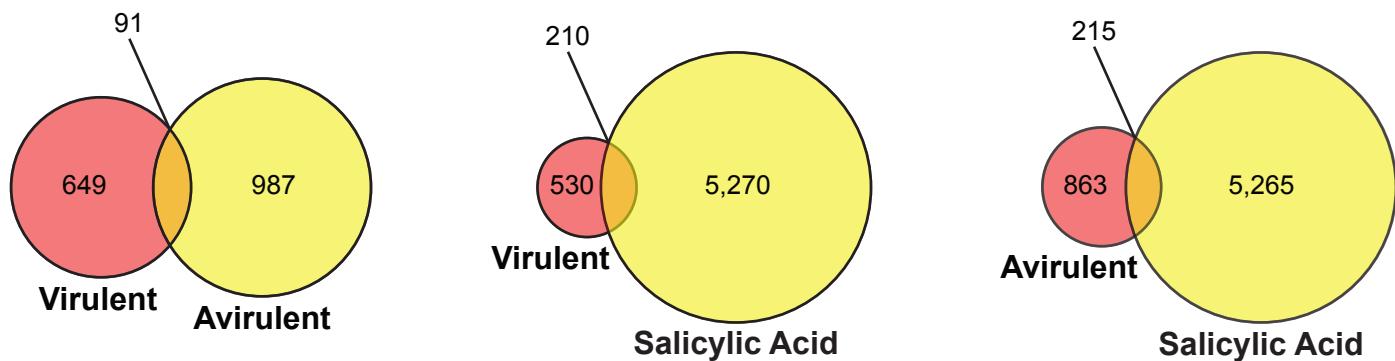
**Fig. S9.** The distribution of the number of cytosines per DMR identified by the LME modeling approach. The number of cytosines contained in each DmCG, DmCHG, or DmCHH region were calculated for the (A) virulent *Pst*, (B) avirulent *Pst*, and (C) salicylic acid datasets and the number of occurrences of each region size were plotted.



**Fig. S10.** Enrichment of transposon-associated DmCHHs proximal to protein-coding genes. The fold enrichment values for DmCHHs and DmCHHs-TE (DmCHHs located within transposable elements) were calculated for 300bp bins upstream (-1.5 Kb) and downstream (+1.5 Kb), or 5 equally sized bins within (green), all protein-coding genes.  $P$ -values are derived from a hypergeometric test between the number of DmCHHs and mCHHs (or DmCHHs-TE and mCHHs-TE) within each bin.

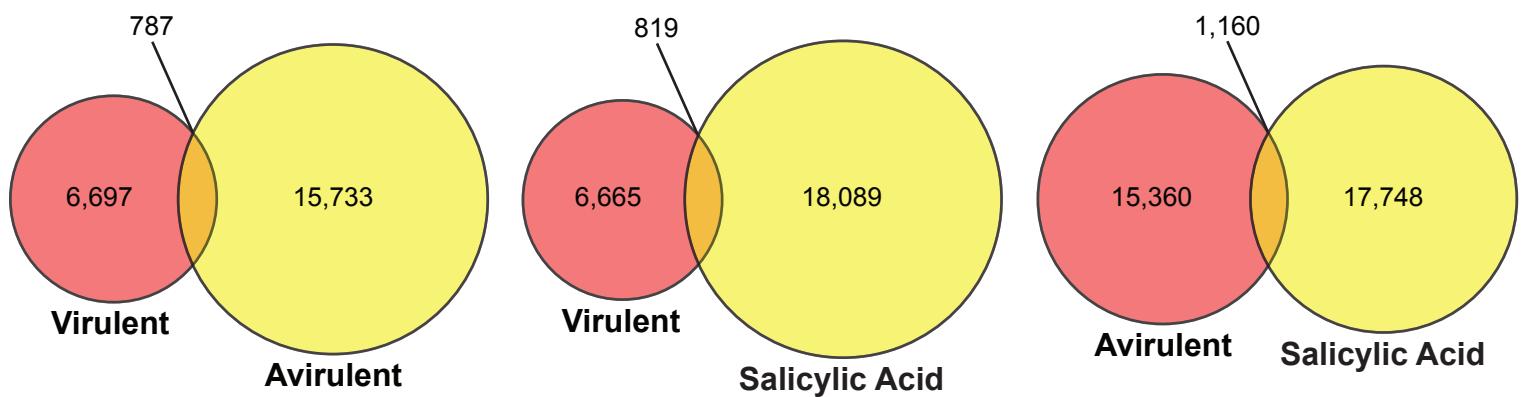
## DmCGs

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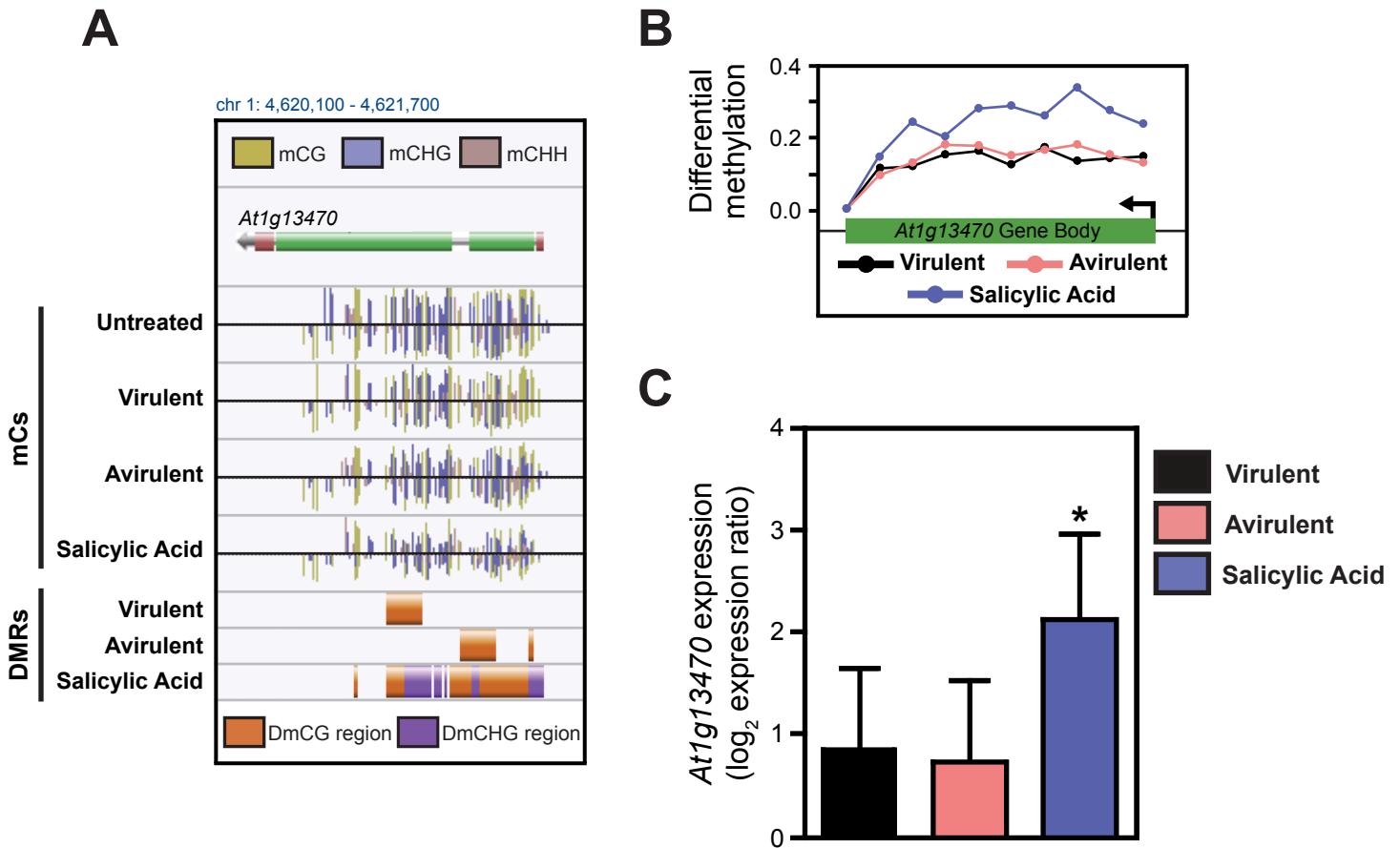


## DmCHHs

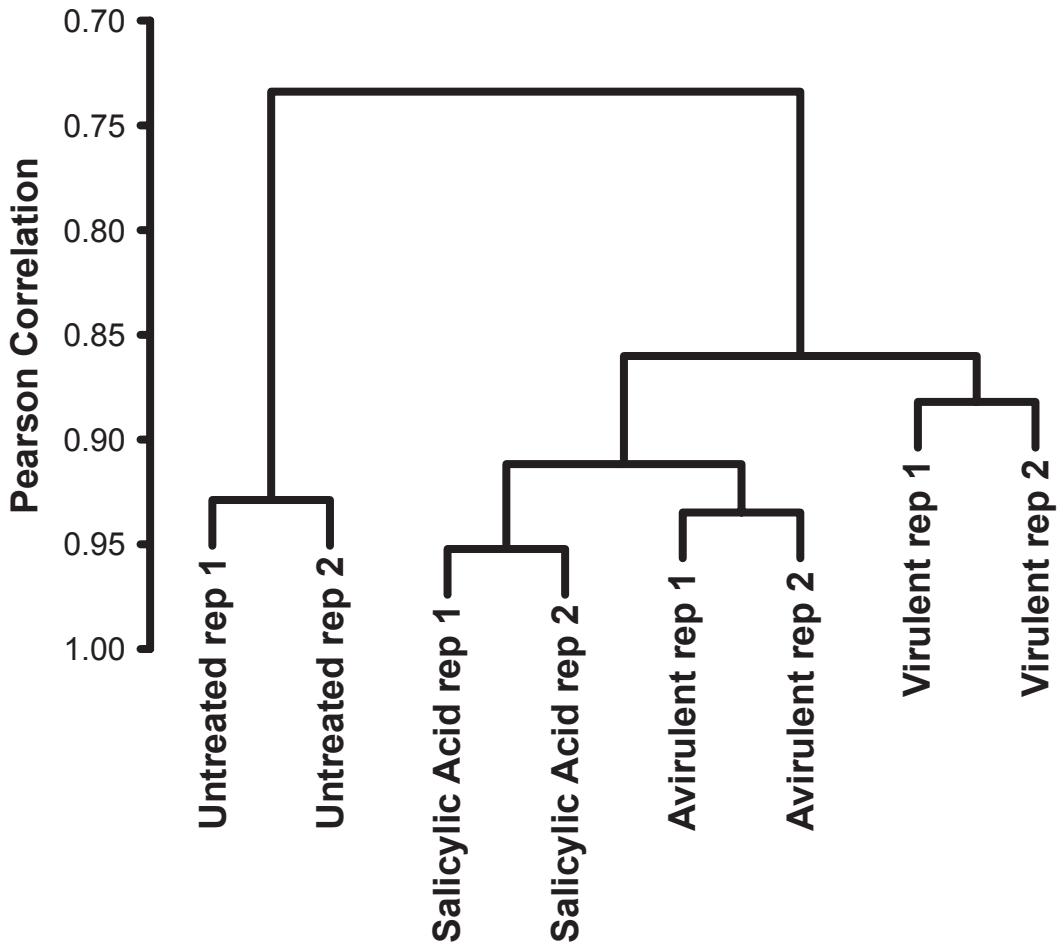
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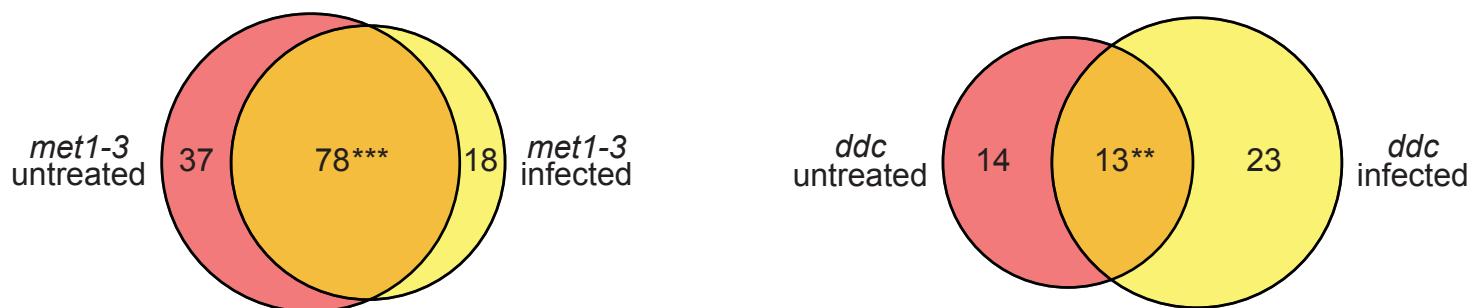
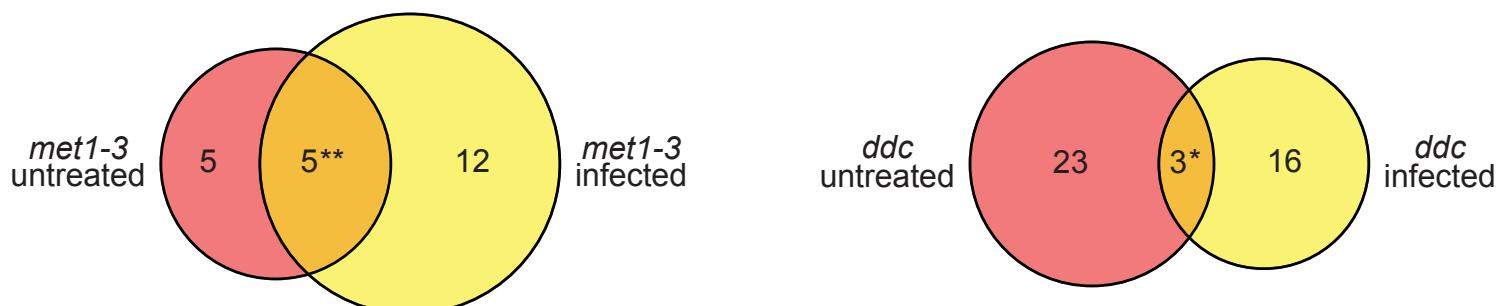
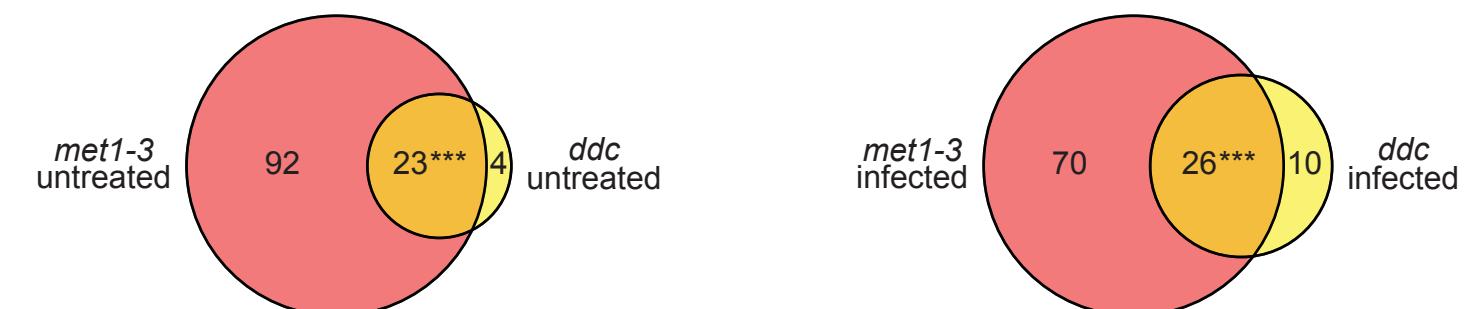
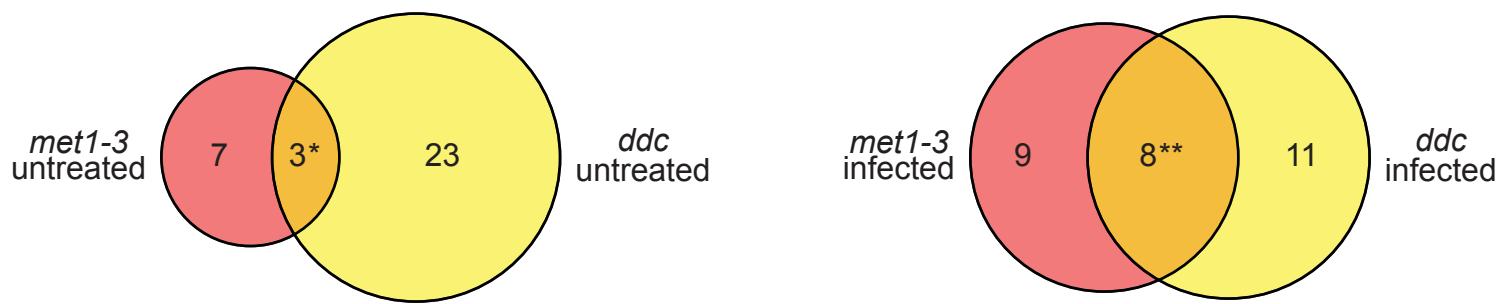
**Fig. S11.** DmCs at the same genomic position can be triggered by different stress conditions. DmCG or DmCHH positions that overlap between the indicated stresses are shown as Venn diagrams and the number of unique or overlapping DmCs is displayed.



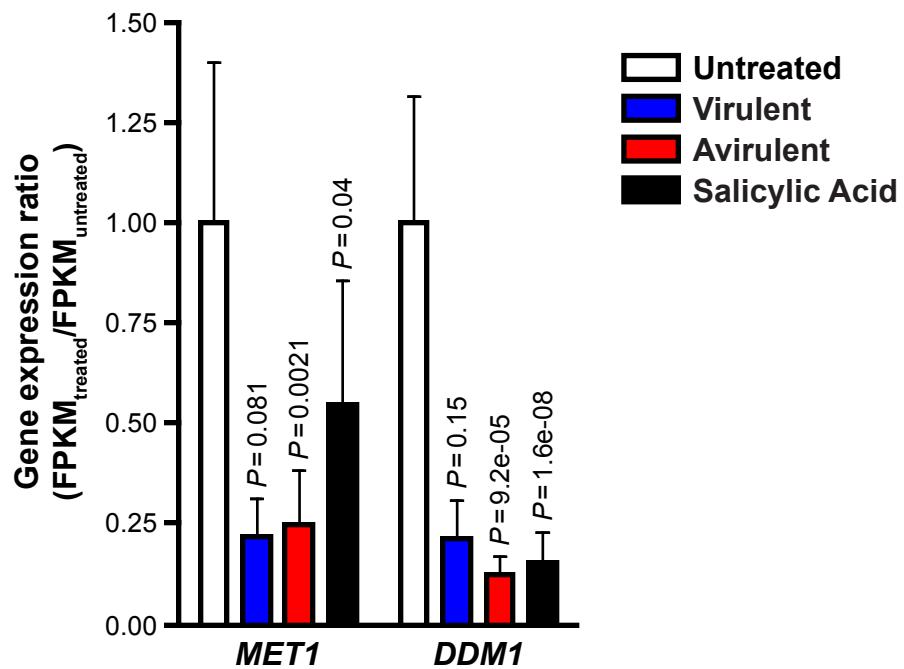
**Fig. S12.** Stress-induced demethylation of *At1g13470* correlates with increased gene expression. (A) An AnnoJ genome browser screenshot depicting mCs and DMRs at the *At1g13470* locus in bacteria infected (Virulent, 5 d.p.i. *Pst*; Avirulent, 5 d.p.i. *Pst(avrPphB)*) or hormone treated (Salicylic Acid, 5 days of 1 mM SA) plants. (B) Quantification of the mean differential methylation ( $\mu_{mC, \text{untreated}} - \mu_{mC, \text{treated}}$ ) of all mCs within 10 equally sized bins across the gene body of *At1g13470*. (C) Differential expression levels of *At1g13470* after bacterial infection or hormone exposure as determined by mRNA-Seq. Data are represented as the base-2 logarithm of the expression ratio ( $\mu_{\text{treated}} / \mu_{\text{untreated}}$ )  $\pm$  SD (FPKM values (9)): Untreated =  $22.5 \pm 7.2$ , Virulent =  $42.9 \pm 36.1$ , Avirulent =  $42.2 \pm 49.6$ , SA =  $105.3 \pm 48.3$ ). The asterisk indicates a Benjamini-Hochberg adjusted *P*-value of  $1.02 \times 10^{-6}$  (10).



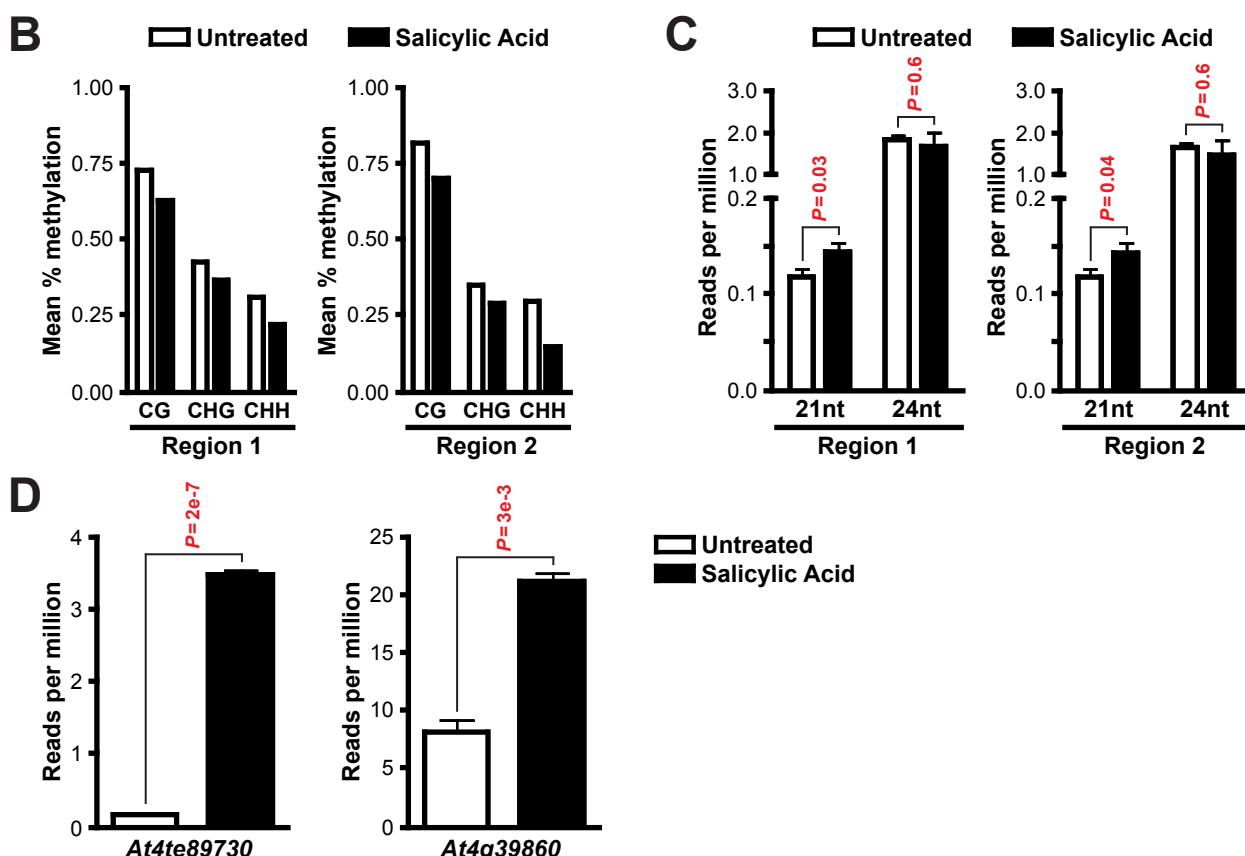
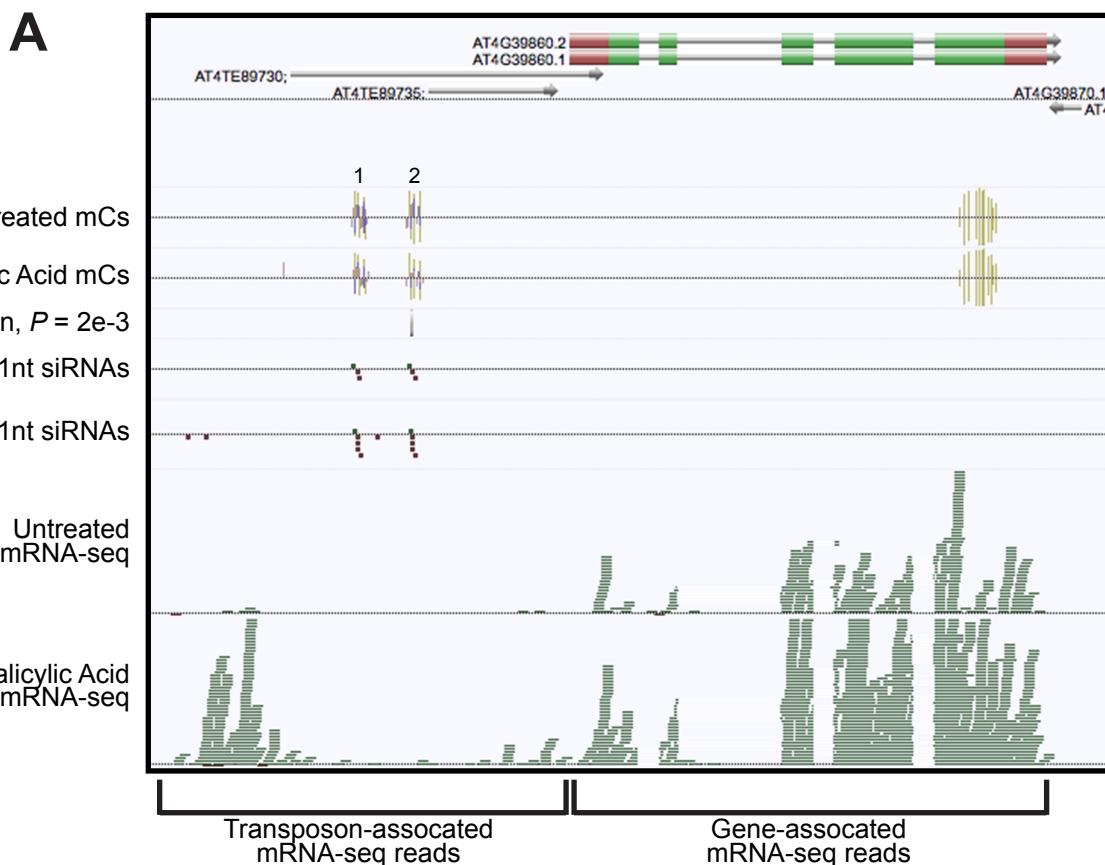
**Fig. S13.** Correlation of the transcript levels in plants challenged with pathogen or hormone as determined by mRNA-Seq. A dendrogram depicting the transcript levels (FPKMs) of all mRNA-Seq data sets based on hierarchical clustering of the Pearson correlation of all expressed genes ( $\text{FPKM} > 0$ ).

**A****Up-regulated genes****Down-regulated genes****B****Up-regulated genes****Down-regulated genes**

**Fig. S14.** Misexpression of stress-induced hypomethylated DMR-associated genes is similar during basal and inducible conditions in the methylation mutants. (A) Venn diagrams displaying the overlap between up-regulated ( $\log_2[\text{mutant}/\text{Col-0}] > 5$ ) or down-regulated ( $\log_2[\text{mutant}/\text{Col-0}] < -5$ ) genes for the indicated conditions for each of the *met1-3* and *ddc* mutants. (B) A similar analysis comparing the up-regulated or down-regulated genes between the mutants. A hypergeometric test was used to calculate the *P*-value for each overlap (single asterisk,  $P \leq 0.001$ ; double asterisk,  $P < 1e-10$ ; triple asterisk,  $P < 1e-20$ ).   
23



**Fig. S15.** Expression of *MET1* and *DDM1* is repressed during bacterial infection or salicylic acid treatment as determined by mRNA-Seq. Data are represented as the ratio of the mean FPKM values ( $\mu_{\text{treated}}/\mu_{\text{untreated}}$ )  $\pm$  SD (9). Benjamini-Hochberg adjusted *P*-values are also displayed (10).



**Fig. S16.** Salicylic acid-induced demethylation of repeats within a transposon upstream of *At4g39860* correlates with increased expression of both transcripts. (A) An AnnoJ genome browser screenshot depicting mCs, a hypomethylated DMR, 21nt siRNAs, and mRNA-Seq reads at the *At4g39860* locus. The (B) mean mC/C levels and (C) normalized siRNA levels at two regions upstream of *At4g39860*, as well as the (D) normalized transcript levels of the transposon (*At4te89730*, left) and protein-coding gene (*At4g39860*, right). A paired student's t-test was used to compare siRNA levels and transcript levels were compared using the DESeq (10) software package (Benjamini-Hochberg adjusted P-values).

**Table S1.** Details of the MethylC-Seq libraries. Only reads mapping uniquely to the *Arabidopsis* nuclear genome or the Lambda genome are included in this analysis.

	<b>Untreated rep 1</b>	<b>Untreated rep 2</b>	<b>3 d.p.i. <i>Pst</i> rep 1</b>	<b>5 d.p.i. <i>Pst</i> rep 1</b>	<b>5 d.p.i. <i>Pst</i> rep 2</b>	<b>5 d.p.i. <i>Pst(avr)</i> rep 1</b>	<b>5 d.p.i. <i>Pst(avr)</i> rep 2</b>	<b>1 mM SA rep 1</b>	<b>1 mM SA rep 2</b>
<b>Reads (Mapped &amp; Non-clonal)</b>	43,619,178	31,886,183	30,766,523	37,886,614	27,919,306	30,699,794	35,821,622	54,119,900	57,201,615
<b>Total Bases (Mapped &amp; Non-clonal)</b>	3,223,486,582	2,496,972,376	2,370,341,647	2,729,642,349	2,106,325,129	2,361,344,278	2,688,915,748	3,821,312,941	4,062,845,309
<b>Lambda Cytosine Non-conversion/Error</b>	1.4727%	0.6366%	0.4395%	1.3705%	0.6784%	0.6268%	0.3859%	1.0538%	0.8932%
<b>% Genome Covered (at least 1 read)</b>	94.53%	95.20%	92.76%	93.58%	94.57%	92.23%	94.39%	94.27%	94.91%
<b>% Genomic Cytosines Covered (at least 1 read)</b>	93.03%	94.53%	92.34%	91.60%	93.76%	90.03%	93.43%	93.61%	94.21%
<b>% Mappable Cytosines Covered (at least 1 read)</b>	96.36%	97.91%	95.64%	94.87%	97.11%	93.25%	96.78%	96.96%	97.58%
<b>Average Read Depth at Cytosines</b>	12.07	9.78	9.71	10.05	8.20	8.70	10.50	15.51	16.28
<b>Average Read Depth at Methylcytosines</b>	20.90	15.65	15.98	16.26	11.48	17.38	16.64	24.11	24.27
<b>Number of Nuclear Methylcytosines Context:</b>	3,918,905	3,975,856	3,987,711	3,616,916	3,505,983	4,094,570	4,125,817	3,888,586	4,003,028
<b>mCG (% of mC)</b>	1,579,131 (40.3%)	1,607,002 (40.4%)	1,579,862 (39.6%)	1,532,993 (42.4%)	1,568,488 (44.7%)	1,557,863 (38.0%)	1,609,766 (39.0%)	1,610,718 (41.4%)	1,616,288 (40.4%)
<b>mCHG (% of mC)</b>	848,661 (21.7%) 1,491,113 (38.0%)	843,607 (21.2%) 1,525,247 (38.4%)	848,940 (21.3%) 1,558,909 (39.1%)	794,789 (22.0%) 1,289,134 (35.6%)	767,665 (21.9%) 1,169,830 (33.4%)	861,436 (21.0%) 1,675,271 (40.9%)	870,263 (21.1%) 1,645,788 (39.9%)	864,091 (22.2%) 1,413,777 (36.4%)	881,797 (22.0%) 1,504,943 (37.6%)
<b>% Genome Methylated (mC/C, covered &gt;1 read)</b>	10.33%	10.20%	10.78%	9.84%	9.18%	11.67%	10.85%	10.10%	10.25%

**Table S2.** Pearson correlation of the methylation levels (mC/C) between untreated and treated methylomes for each biological replicate. The criteria for including positions in this analysis are detailed in the *SI Appendix*, Supporting Methods.

### Untreated vs. 3 d.p.i. *Pst* (1 Replicate)

**Pearson's Correlation for Bioreplicates (% Methylation):**

	Untreated r2	3 d.p.i. <i>Pst</i> r1
Untreated r1	0.8661	0.8503
Untreated r2		0.8442

**Pearson's Correlation for Samples (Bioreplicates Mean, % Methylation):**

	3 d.p.i. <i>Pst</i> r1
Untreated	0.8771

### Untreated vs. 5 d.p.i. *Pst*

**Pearson's Correlation for Bioreplicates (% Methylation):**

	Untreated r2	5 d.p.i. <i>Pst</i> r1	5 d.p.i. <i>Pst</i> r2
Untreated r1	0.8692	0.8742	0.8478
Untreated r2		0.8497	0.8351
5 d.p.i. <i>Pst</i> r1			0.8303

**Pearson's Correlation for Samples (Bioreplicates Mean, % Methylation):**

	5 d.p.i. <i>Pst</i>
Untreated	0.9209

### Untreated vs. 5 d.p.i. *Pst(avrPphB)*

**Pearson's Correlation for Bioreplicates (% Methylation):**

	Untreated r2	5 d.p.i. <i>Pst(avr)</i> r1	5 d.p.i. <i>Pst(avr)</i> r2
Untreated r1	0.8787	0.8739	0.8769
Untreated r2		0.8607	0.8678
5 d.p.i. <i>Pst(avr)</i> r1			0.8621

**Pearson's Correlation for Samples (Bioreplicates Mean, % Methylation):**

	5 d.p.i. <i>Pst(avr)</i>
Untreated	0.9301

## Untreated vs. 1 mM Salicylic Acid

Pearson's Correlation for Bioreplicates (% Methylation):

	Untreated r2	1 mM SA r1	1 mM SA r2
Untreated r1	0.8668	0.8762	0.8839
Untreated r2		0.8667	0.8719
1 mM SA r1			0.8928

Pearson's Correlation for Samples (Bioreplicates Mean, % Methylation):

	1 mM SA
Untreated	0.9307

**Table S3.** DMRs identified using a 1% FDR cutoff. Differential expression values of the DMR-associated genes and their corresponding *P* values were calculated using the DESeq software package (10). *P*<sub>adj</sub>, Benjamini-Hochberg adjusted *P*-values; DE, differential expression; FC, fold change.

<u>Sample</u>	<u>Context</u>	<u>Chr</u>	<u>Start</u>	<u>End</u>	<u># of DmCs</u>	<u>Avg. DmC (%)</u>	<u>St. dev. DmC (%)</u>	<u>DMR P<sub>adj</sub> value</u>	<u>Associated gene</u>	<u>DE (log<sub>2</sub>FC)</u>	<u>DE P<sub>adj</sub> value</u>
5 d.p.i. <i>Pst</i>	CG	1	526193	526204	4	-0.227	0.113	8.7E-03	AT1G02520	-2.3	2.7E-02
5 d.p.i. <i>Pst</i>	CG	1	1344503	1344530	6	-0.244	0.028	4.0E-03	AT1G04790	-0.2	8.4E-01
5 d.p.i. <i>Pst</i>	CG	1	2014826	2014898	4	0.260	0.168	7.5E-03	AT1G06580	-0.4	7.8E-01
5 d.p.i. <i>Pst</i>	CG	1	4570622	4570691	10	-0.301	0.166	8.9E-03	AT1G13340	-4.7	9.8E-16
5 d.p.i. <i>Pst</i>	CG	1	4620840	4621009	10	-0.189	0.097	9.6E-03	AT1G13470	-0.8	4.5E-01
5 d.p.i. <i>Pst</i>	CG	1	5991646	5991698	6	-0.260	0.238	3.0E-03	AT1G17450	-0.2	7.6E-01
5 d.p.i. <i>Pst</i>	CG	1	7668369	7668385	4	0.195	0.085	7.1E-03	AT1G21850	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CG	1	8497344	8497365	4	-0.281	0.133	6.6E-03	AT1G24000	nd	nd
5 d.p.i. <i>Pst</i>	CG	1	10005877	10005971	4	0.252	0.177	3.7E-03	AT1G28460	nd	nd
5 d.p.i. <i>Pst</i>	CG	1	10964598	10964663	4	0.221	0.231	9.2E-03	AT1G30825	0.5	5.9E-01
5 d.p.i. <i>Pst</i>	CG	1	11875948	11875970	4	-0.202	0.110	7.5E-03	AT1G32790	-1.1	3.1E-01
5 d.p.i. <i>Pst</i>	CG	1	12155601	12155605	4	0.186	0.080	6.4E-03	AT1G33500	-0.5	9.0E-01
5 d.p.i. <i>Pst</i>	CG	1	12336939	12336968	4	-0.187	0.136	9.6E-03	AT1G33950	-4.1	3.8E-07
5 d.p.i. <i>Pst</i>	CG	1	12896443	12896453	4	-0.347	0.053	6.4E-03	AT1G35210	0.4	4.8E-01
5 d.p.i. <i>Pst</i>	CG	1	12985542	12985650	6	-0.292	0.079	1.7E-03	AT1G35350	-0.7	6.3E-01
5 d.p.i. <i>Pst</i>	CG	1	12995914	12995945	8	-0.205	0.125	2.4E-03	AT1G35365	nd	nd
5 d.p.i. <i>Pst</i>	CG	1	13013302	13013328	4	0.214	0.049	5.5E-03	AT1G35400	nd	nd
5 d.p.i. <i>Pst</i>	CG	1	13222939	13223048	8	-0.348	0.190	5.0E-03	AT1G35710	-1.7	6.7E-02
5 d.p.i. <i>Pst</i>	CG	1	15687934	15687948	4	0.160	0.070	8.8E-03	AT1G41920	nd	nd
5 d.p.i. <i>Pst</i>	CG	1	16264824	16264888	4	-0.406	0.100	2.4E-03	AT1G43160	-4.6	3.2E-15
5 d.p.i. <i>Pst</i>	CG	1	16766264	16766302	4	-0.190	0.112	5.5E-03	AT1G44100	-1.2	1.3E-01
5 d.p.i. <i>Pst</i>	CG	1	16863228	16863276	4	-0.326	0.035	4.8E-03	AT1G44542	-Inf	8.5E-12
5 d.p.i. <i>Pst</i>	CG	1	16876642	16876686	4	-0.389	0.227	9.2E-03	AT1G44608	-3.0	7.7E-02
5 d.p.i. <i>Pst</i>	CG	1	17067191	17067211	4	0.320	0.181	3.5E-03	AT1G45130	1.7	1.2E-01
5 d.p.i. <i>Pst</i>	CG	1	17369010	17369022	4	-0.321	0.102	5.7E-03	AT1G47370	-2.4	1.1E-01
5 d.p.i. <i>Pst</i>	CG	1	17381427	17381438	4	0.334	0.077	6.5E-03	AT1G47395	2.4	4.5E-01
5 d.p.i. <i>Pst</i>	CG	1	19700407	19700453	6	-0.458	0.101	3.6E-03	AT1G52890	-4.7	1.4E-22
5 d.p.i. <i>Pst</i>	CG	1	19700769	19700845	4	-0.285	0.123	8.5E-03	AT1G52900	-Inf	3.2E-03
5 d.p.i. <i>Pst</i>	CG	1	19705105	19705111	4	-0.298	0.278	9.4E-03	AT1G52905	0.7	9.9E-01
5 d.p.i. <i>Pst</i>	CG	1	20351461	20351489	4	-0.164	0.100	4.0E-03	AT1G54490	-0.8	3.5E-01
5 d.p.i. <i>Pst</i>	CG	1	20423978	20424010	4	0.176	0.149	5.4E-03	AT1G54730	-0.2	1.0E+00
5 d.p.i. <i>Pst</i>	CG	1	20862289	20862338	4	0.186	0.077	5.6E-03	AT1G55810	-3.1	7.1E-06
5 d.p.i. <i>Pst</i>	CG	1	21042675	21042701	4	0.131	0.100	8.8E-03	AT1G56220	0.3	7.0E-01
5 d.p.i. <i>Pst</i>	CG	1	21197763	21197795	4	-0.240	0.067	7.7E-03	AT1G56580	3.0	6.1E-04
5 d.p.i. <i>Pst</i>	CG	1	22640593	22640628	4	-0.507	0.155	4.0E-03	AT1G61360	0.9	4.2E-01
5 d.p.i. <i>Pst</i>	CG	1	22648001	22648016	4	-0.228	0.069	9.5E-03	AT1G61380	-1.3	1.7E-01
5 d.p.i. <i>Pst</i>	CG	1	23237871	23237902	4	-0.201	0.153	2.6E-03	AT1G62760	-8.7	1.5E-31
5 d.p.i. <i>Pst</i>	CG	1	24948368	24948475	6	-0.243	0.113	9.2E-03	AT1G66880	-1.1	2.8E-01
5 d.p.i. <i>Pst</i>	CG	1	24982792	24982802	4	0.215	0.112	7.9E-03	AT1G66950	nd	nd
5 d.p.i. <i>Pst</i>	CG	1	25235059	25235069	4	-0.230	0.119	5.4E-03	AT1G67350	0.3	8.2E-01
5 d.p.i. <i>Pst</i>	CG	2	8818	8894	6	-0.162	0.090	4.0E-03	AT2G01023	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	13485	13531	4	-0.278	0.088	5.3E-03	AT2G01023	nd	nd

5 d.p.i. <i>Pst</i>	CG	2	146427	146487	6	0.298	0.134	1.6E-03	AT2G01280	0.2	9.2E-01
5 d.p.i. <i>Pst</i>	CG	2	152515	152557	4	-0.288	0.082	4.1E-03	AT2G01310	-2.1	6.9E-01
5 d.p.i. <i>Pst</i>	CG	2	202715	202823	8	-0.193	0.133	3.1E-03	AT2G01450	-1.3	2.8E-01
5 d.p.i. <i>Pst</i>	CG	2	299815	299830	4	-0.292	0.103	4.8E-03	AT2G01670	-0.8	6.5E-01
5 d.p.i. <i>Pst</i>	CG	2	1381418	1381427	4	-0.404	0.171	1.0E-03	AT2G04100	-4.8	5.2E-10
5 d.p.i. <i>Pst</i>	CG	2	1658430	1658450	6	0.192	0.092	9.8E-03	AT2G04740	-0.4	7.0E-01
5 d.p.i. <i>Pst</i>	CG	2	2071546	2071616	6	0.193	0.094	7.0E-03	AT2G05600	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3245326	3245364	8	0.259	0.080	3.5E-03	AT2G07776	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3245377	3245380	4	0.421	0.109	4.9E-03	AT2G07776	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3314155	3314240	6	0.192	0.082	4.7E-03	AT2G07687	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3336958	3336980	4	-0.187	0.109	4.0E-03	AT2G07689	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3377089	3377246	6	0.233	0.119	6.0E-03	AT2G07705	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3447429	3447488	6	0.258	0.104	9.6E-03	AT2G07724	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3476272	3476302	6	0.289	0.053	2.5E-03	AT2G07827	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3488724	3488844	16	0.121	0.059	3.5E-03	AT2G07806	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3490798	3490844	4	0.290	0.078	2.9E-03	AT2G07738	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3490942	3490982	4	0.280	0.011	1.5E-03	AT2G07738	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3493258	3493262	4	0.345	0.081	6.5E-03	AT2G07795	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	3499482	3499548	12	0.203	0.075	9.5E-03	AT2G07835	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	4311848	4311934	4	0.325	0.047	4.1E-03	AT2G10940	5.7	6.2E-11
5 d.p.i. <i>Pst</i>	CG	2	5742737	5742755	4	-0.216	0.068	4.0E-03	AT2G13790	-0.7	6.9E-01
5 d.p.i. <i>Pst</i>	CG	2	5765378	5765467	6	-0.184	0.092	6.9E-03	AT2G13810	-4.0	3.8E-10
5 d.p.i. <i>Pst</i>	CG	2	6114390	6114418	6	-0.126	0.089	8.5E-03	AT2G14390	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	6215691	6215707	4	-0.231	0.087	2.3E-03	AT2G14560	-1.5	5.0E-02
5 d.p.i. <i>Pst</i>	CG	2	6507648	6507737	10	-0.282	0.091	3.1E-03	AT2G15042	-0.3	8.9E-01
5 d.p.i. <i>Pst</i>	CG	2	8098189	8098283	4	-0.398	0.120	3.1E-03	AT2G18690	-3.0	2.1E-04
5 d.p.i. <i>Pst</i>	CG	2	8452394	8452412	4	-0.180	0.167	4.0E-03	AT2G19510	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	8622545	8622652	12	-0.316	0.084	2.6E-03	AT2G19960	-5.0	1.7E-07
5 d.p.i. <i>Pst</i>	CG	2	9026001	9026039	4	-0.196	0.118	6.7E-03	AT2G21040	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	9079800	9079836	4	-0.271	0.133	4.9E-03	AT2G21190	-1.0	3.2E-01
5 d.p.i. <i>Pst</i>	CG	2	9773775	9773779	4	-0.232	0.097	3.6E-03	AT2G22970	0.1	9.6E-01
5 d.p.i. <i>Pst</i>	CG	2	9887111	9887140	4	-0.241	0.068	8.7E-03	AT2G23220	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	10520708	10520722	4	-0.244	0.224	8.8E-03	AT2G24710	nd	nd
5 d.p.i. <i>Pst</i>	CG	2	11362615	11362655	4	-0.217	0.059	2.9E-03	AT2G26695	2.2	7.7E-02
5 d.p.i. <i>Pst</i>	CG	2	16370695	16370706	4	-0.376	0.035	1.4E-03	AT2G39210	-1.9	3.1E-02
5 d.p.i. <i>Pst</i>	CG	3	1857050	1857059	4	0.303	0.082	3.0E-03	AT3G06140	4.9	3.2E-03
5 d.p.i. <i>Pst</i>	CG	3	3196367	3196396	4	-0.317	0.168	5.0E-03	AT3G10320	-9.0	1.2E-34
5 d.p.i. <i>Pst</i>	CG	3	4913884	4914012	6	-0.406	0.110	3.0E-03	AT3G14610	-2.3	2.3E-02
5 d.p.i. <i>Pst</i>	CG	3	5249419	5249499	4	-0.398	0.068	7.5E-04	AT3G15518	-0.5	8.3E-01
5 d.p.i. <i>Pst</i>	CG	3	5328826	5328833	4	-0.303	0.098	1.8E-03	AT3G15720	0.4	1.0E+00
5 d.p.i. <i>Pst</i>	CG	3	5915605	5915612	4	-0.225	0.132	8.4E-03	AT3G17320	0.5	1.0E+00
5 d.p.i. <i>Pst</i>	CG	3	6960001	6960087	6	-0.281	0.118	2.7E-03	AT3G19970	-3.3	7.7E-08
5 d.p.i. <i>Pst</i>	CG	3	8006799	8006821	4	-0.340	0.172	9.4E-03	AT3G22600	-4.7	2.6E-19
5 d.p.i. <i>Pst</i>	CG	3	9186066	9186106	4	0.193	0.058	5.6E-03	AT3G25221	-1.0	9.3E-01
5 d.p.i. <i>Pst</i>	CG	3	10686384	10686427	6	-0.236	0.095	3.5E-03	AT3G28510	-4.2	1.0E-16
5 d.p.i. <i>Pst</i>	CG	3	10696296	10696301	4	-0.281	0.053	5.6E-03	AT3G28540	-1.3	3.3E-02
5 d.p.i. <i>Pst</i>	CG	3	11071453	11071522	4	0.217	0.114	8.8E-03	AT3G29080	nd	nd
5 d.p.i. <i>Pst</i>	CG	3	11101221	11101225	4	-0.170	0.101	4.1E-03	AT3G29130	-0.4	8.7E-01
5 d.p.i. <i>Pst</i>	CG	3	14685660	14685692	4	-0.202	0.153	2.5E-03	AT3G42565	nd	nd

5 d.p.i. <i>Pst</i>	CG	3	15005028	15005048	4	0.197	0.072	1.7E-03	AT3G42940	nd	nd
5 d.p.i. <i>Pst</i>	CG	3	15013170	15013264	8	-0.126	0.080	4.8E-03	AT3G42950	0.7	6.0E-01
5 d.p.i. <i>Pst</i>	CG	3	16158311	16158352	4	-0.267	0.020	8.1E-03	AT3G44570	-3.4	1.3E-01
5 d.p.i. <i>Pst</i>	CG	3	16375839	16375939	4	0.130	0.087	4.8E-03	AT3G44850	0.8	7.1E-01
5 d.p.i. <i>Pst</i>	CG	3	17178427	17178463	6	-0.252	0.081	3.0E-03	AT3G46620	0.8	2.1E-01
5 d.p.i. <i>Pst</i>	CG	3	18327445	18327459	4	0.246	0.042	8.1E-03	AT3G49410	3.9	9.5E-02
5 d.p.i. <i>Pst</i>	CG	3	18733963	18734109	8	-0.356	0.089	6.1E-04	AT3G50480	-1.9	5.8E-02
5 d.p.i. <i>Pst</i>	CG	3	19322227	19322291	4	-0.277	0.137	4.9E-03	AT3G52100	0.2	9.9E-01
5 d.p.i. <i>Pst</i>	CG	3	19472114	19472145	6	-0.234	0.047	8.8E-03	AT3G52520	1.6	1.7E-01
5 d.p.i. <i>Pst</i>	CG	3	20450733	20450781	4	0.164	0.090	4.7E-03	AT3G55160	1.2	4.1E-01
5 d.p.i. <i>Pst</i>	CG	3	20550121	20550186	6	0.234	0.174	2.5E-03	AT3G55430	-1.9	3.0E-02
5 d.p.i. <i>Pst</i>	CG	3	23125566	23125640	4	-0.279	0.191	8.1E-03	AT3G62510	-1.0	4.0E-01
5 d.p.i. <i>Pst</i>	CG	4	1051556	1051570	4	-0.262	0.200	6.8E-03	AT4G02390	1.7	2.6E-01
5 d.p.i. <i>Pst</i>	CG	4	2233866	2233900	4	-0.274	0.145	8.8E-03	AT4G04490	-3.5	2.2E-09
5 d.p.i. <i>Pst</i>	CG	4	2532032	2532144	10	-0.126	0.104	4.8E-03	AT4G04960	-2.2	2.0E-03
5 d.p.i. <i>Pst</i>	CG	4	2696153	2696156	4	0.228	0.026	1.6E-03	AT4G05270	nd	nd
5 d.p.i. <i>Pst</i>	CG	4	3924134	3924149	4	-0.156	0.154	2.3E-03	AT4G06688	nd	nd
5 d.p.i. <i>Pst</i>	CG	4	5383372	5383429	4	-0.135	0.135	7.9E-03	AT4G08460	-0.5	6.5E-01
5 d.p.i. <i>Pst</i>	CG	4	5446212	5446254	4	0.230	0.129	6.0E-03	AT4G08550	nd	nd
5 d.p.i. <i>Pst</i>	CG	4	6124153	6124167	4	-0.189	0.053	7.1E-03	AT4G09690	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CG	4	6495224	6495232	4	-0.282	0.101	4.0E-03	AT4G10510	nd	nd
5 d.p.i. <i>Pst</i>	CG	4	6542671	6542690	4	-0.174	0.085	8.9E-03	AT4G10590	-1.2	1.4E-01
5 d.p.i. <i>Pst</i>	CG	4	7350997	7351053	4	0.223	0.065	4.9E-03	AT4G12420	0.9	3.6E-01
5 d.p.i. <i>Pst</i>	CG	4	8292270	8292300	4	-0.231	0.062	8.8E-03	AT4G14400	-0.5	7.0E-01
5 d.p.i. <i>Pst</i>	CG	4	9547554	9547558	4	0.300	0.124	7.0E-03	AT4G16960	-0.8	4.9E-01
5 d.p.i. <i>Pst</i>	CG	4	10011070	10011094	4	-0.207	0.170	8.0E-03	AT4G18020	-0.9	3.1E-01
5 d.p.i. <i>Pst</i>	CG	4	12152761	12152804	4	-0.277	0.059	3.4E-03	AT4G23210	-2.0	1.1E-02
5 d.p.i. <i>Pst</i>	CG	4	16447536	16447556	4	-0.221	0.160	8.9E-03	AT4G34400	-2.3	3.6E-02
5 d.p.i. <i>Pst</i>	CG	4	17078618	17078654	4	-0.240	0.089	8.6E-03	AT4G36090	-0.2	9.6E-01
5 d.p.i. <i>Pst</i>	CG	5	1721534	1721561	4	-0.266	0.150	5.5E-03	AT5G05730	-1.4	1.2E-01
5 d.p.i. <i>Pst</i>	CG	5	3904908	3904927	6	0.131	0.095	5.6E-03	AT5G12080	2.0	1.3E-01
5 d.p.i. <i>Pst</i>	CG	5	6469371	6469435	8	-0.300	0.082	7.6E-03	AT5G19240	-0.8	5.2E-01
5 d.p.i. <i>Pst</i>	CG	5	8452440	8452495	4	-0.244	0.083	3.5E-03	AT5G24680	-1.0	4.1E-01
5 d.p.i. <i>Pst</i>	CG	5	8818397	8818424	4	-0.165	0.071	9.3E-03	AT5G25390	Inf	3.5E-01
5 d.p.i. <i>Pst</i>	CG	5	8978221	8978233	4	0.182	0.088	6.9E-03	AT5G25790	0.5	7.2E-01
5 d.p.i. <i>Pst</i>	CG	5	9140938	9140958	4	-0.215	0.111	6.5E-03	AT5G26150	nd	nd
5 d.p.i. <i>Pst</i>	CG	5	9444597	9444611	4	-0.207	0.081	4.8E-03	AT5G26848	nd	nd
5 d.p.i. <i>Pst</i>	CG	5	9646234	9646243	4	-0.395	0.047	1.7E-03	AT5G27350	-3.1	1.5E-05
5 d.p.i. <i>Pst</i>	CG	5	10203240	10203293	6	0.172	0.150	9.4E-03	AT5G28235	-Inf	1.2E-02
5 d.p.i. <i>Pst</i>	CG	5	10370376	10370456	6	0.147	0.096	7.1E-03	AT5G28440	-0.7	7.7E-01
5 d.p.i. <i>Pst</i>	CG	5	10383843	10383847	4	-0.211	0.141	7.0E-03	AT5G28463	nd	nd
5 d.p.i. <i>Pst</i>	CG	5	10395247	10395255	4	-0.203	0.079	5.5E-03	AT5G28465	nd	nd
5 d.p.i. <i>Pst</i>	CG	5	15259775	15259794	4	-0.350	0.137	6.5E-03	AT5G38210	-0.5	7.9E-01
5 d.p.i. <i>Pst</i>	CG	5	15326633	15326702	6	-0.212	0.132	8.1E-03	AT5G38344	-Inf	1.0E-02
5 d.p.i. <i>Pst</i>	CG	5	16068981	16068994	4	-0.322	0.203	4.9E-03	AT5G40190	0.2	7.5E-01
5 d.p.i. <i>Pst</i>	CG	5	16204655	16204671	4	-0.261	0.230	3.4E-03	AT5G40460	0.0	8.2E-01
5 d.p.i. <i>Pst</i>	CG	5	16668109	16668146	8	-0.286	0.232	5.2E-03	AT5G41680	0.0	9.4E-01
5 d.p.i. <i>Pst</i>	CG	5	17186421	17186587	6	0.131	0.097	9.9E-03	AT5G42870	-0.7	6.3E-01
5 d.p.i. <i>Pst</i>	CG	5	17253367	17253391	6	0.178	0.138	9.9E-03	AT5G43010	0.4	8.5E-01

5 d.p.i. <i>Pst</i>	CG	5	20473492	20473658	8	-0.277	0.119	1.2E-03	AT5G50310	0.4	9.5E-01
5 d.p.i. <i>Pst</i>	CG	5	20698823	20698948	6	-0.270	0.137	3.5E-03	AT5G50860	0.4	7.5E-01
5 d.p.i. <i>Pst</i>	CG	5	21534323	21534340	6	-0.305	0.105	1.6E-03	AT5G53120	-1.7	4.6E-03
5 d.p.i. <i>Pst</i>	CG	5	21636155	21636163	4	0.348	0.057	1.7E-03	AT5G53310	-0.2	1.0E+00
5 d.p.i. <i>Pst</i>	CG	5	22262644	22262658	4	-0.230	0.105	8.7E-03	AT5G54800	0.1	9.2E-01
5 d.p.i. <i>Pst</i>	CG	5	22322835	22322888	4	-0.288	0.125	6.4E-03	AT5G55010	nd	nd
5 d.p.i. <i>Pst</i>	CG	5	24260801	24260850	6	-0.254	0.076	5.4E-03	AT5G60280	-3.1	3.0E-04
5 d.p.i. <i>Pst</i>	CG	5	24711676	24711687	4	0.287	0.112	8.8E-03	AT5G61450	-0.7	5.8E-01
5 d.p.i. <i>Pst</i>	CHG	1	5436924	5437019	4	0.212	0.109	6.6E-03	AT1G15780	-0.5	5.5E-01
5 d.p.i. <i>Pst</i>	CHG	1	8837518	8837596	4	-0.249	0.088	7.9E-03	AT1G25220	-0.3	9.9E-01
5 d.p.i. <i>Pst</i>	CHG	1	10013238	10013250	4	-0.412	0.142	4.5E-03	AT1G28480	-3.9	1.5E-10
5 d.p.i. <i>Pst</i>	CHG	1	11308338	11308435	4	0.203	0.172	7.1E-03	AT1G31580	-0.9	5.6E-01
5 d.p.i. <i>Pst</i>	CHG	1	13987230	13987268	4	0.195	0.127	8.2E-03	AT1G36925	nd	nd
5 d.p.i. <i>Pst</i>	CHG	1	16544152	16544169	6	-0.193	0.104	8.4E-03	AT1G43770	-0.4	7.2E-01
5 d.p.i. <i>Pst</i>	CHG	1	22231931	22231938	4	0.244	0.170	6.6E-03	AT1G60300	nd	nd
5 d.p.i. <i>Pst</i>	CHG	1	24838825	24838835	4	-0.447	0.122	6.4E-03	AT1G66580	-0.6	5.1E-01
5 d.p.i. <i>Pst</i>	CHG	1	25641285	25641333	4	0.184	0.101	7.9E-03	AT1G68390	-1.5	4.0E-01
5 d.p.i. <i>Pst</i>	CHG	2	3266016	3266021	4	0.290	0.105	6.8E-03	AT2G07673	nd	nd
5 d.p.i. <i>Pst</i>	CHG	2	4636867	4636914	4	0.292	0.237	7.9E-03	AT2G11570	nd	nd
5 d.p.i. <i>Pst</i>	CHG	2	4897750	4897776	4	0.294	0.126	8.1E-03	AT2G12200	nd	nd
5 d.p.i. <i>Pst</i>	CHG	2	5053685	5053721	4	-0.274	0.041	2.9E-03	AT2G12462	5.0	2.2E-03
5 d.p.i. <i>Pst</i>	CHG	2	6267687	6267692	4	-0.267	0.100	9.8E-03	AT2G14660	2.5	9.3E-02
5 d.p.i. <i>Pst</i>	CHG	2	6416103	6416160	4	0.344	0.100	3.5E-03	AT2G14920	nd	nd
5 d.p.i. <i>Pst</i>	CHG	2	6508253	6508331	8	-0.283	0.097	6.8E-03	AT2G15042	-0.3	8.9E-01
5 d.p.i. <i>Pst</i>	CHG	2	10570366	10570396	4	0.261	0.202	6.5E-03	AT2G24800	nd	nd
5 d.p.i. <i>Pst</i>	CHG	3	11984813	11984907	4	0.261	0.198	8.1E-03	AT3G30383	nd	nd
5 d.p.i. <i>Pst</i>	CHG	3	13360943	13360958	4	0.261	0.115	2.6E-03	AT3G32400	nd	nd
5 d.p.i. <i>Pst</i>	CHG	3	14863907	14863948	4	0.235	0.198	6.3E-03	AT3G42770	nd	nd
5 d.p.i. <i>Pst</i>	CHG	3	15581611	15581623	4	-0.384	0.162	2.9E-03	AT3G43682	nd	nd
5 d.p.i. <i>Pst</i>	CHG	3	17178563	17178570	4	-0.342	0.150	6.8E-03	AT3G46620	0.8	2.1E-01
5 d.p.i. <i>Pst</i>	CHG	4	1972665	1972679	4	0.208	0.112	8.3E-03	AT4G04110	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHG	4	2762694	2762724	4	-0.242	0.108	6.2E-03	AT4G05460	-0.6	6.7E-01
5 d.p.i. <i>Pst</i>	CHG	4	4190421	4190429	4	0.186	0.149	8.1E-03	AT4G07380	nd	nd
5 d.p.i. <i>Pst</i>	CHG	4	4467968	4468008	4	0.247	0.143	7.5E-03	AT4G07675	nd	nd
5 d.p.i. <i>Pst</i>	CHG	4	5642528	5642548	4	-0.330	0.181	2.8E-03	AT4G08850	-1.1	4.1E-01
5 d.p.i. <i>Pst</i>	CHG	4	6144832	6144839	4	0.336	0.042	6.6E-03	AT4G09740	nd	nd
5 d.p.i. <i>Pst</i>	CHG	5	10718251	10718342	4	-0.234	0.098	4.6E-03	AT5G28680	nd	nd
5 d.p.i. <i>Pst</i>	CHG	5	12657038	12657052	4	-0.229	0.157	1.0E-02	AT5G33393	nd	nd
5 d.p.i. <i>Pst</i>	CHG	5	14300981	14301029	6	-0.200	0.132	7.7E-03	AT5G36280	Inf	5.1E-01
5 d.p.i. <i>Pst</i>	CHG	5	20275271	20275300	4	-0.245	0.106	8.0E-03	AT5G49870	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	1	784	832	10	0.196	0.111	7.0E-03	AT1G01010	-2.3	3.9E-03
5 d.p.i. <i>Pst</i>	CHH	1	42421	42434	4	-0.327	0.093	6.9E-05	AT1G01070	-1.8	9.6E-02
5 d.p.i. <i>Pst</i>	CHH	1	587771	587779	4	0.392	0.071	3.8E-05	AT1G02700	-0.6	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	1	697308	697313	4	0.262	0.099	4.5E-03	AT1G03020	2.7	1.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	1523413	1523435	8	-0.195	0.107	4.6E-03	AT1G05240	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	1613317	1613335	6	-0.201	0.131	6.4E-03	AT1G05470	3.7	2.3E-03
5 d.p.i. <i>Pst</i>	CHH	1	1614597	1614629	10	-0.278	0.128	2.5E-04	AT1G05470	3.7	2.3E-03
5 d.p.i. <i>Pst</i>	CHH	1	2587355	2587401	14	-0.203	0.108	2.3E-03	AT1G08230	-3.3	5.0E-08
5 d.p.i. <i>Pst</i>	CHH	1	3497752	3497772	4	-0.299	0.092	9.2E-04	AT1G10586	-3.1	2.9E-01

5 d.p.i. <i>Pst</i>	CHH	1	3826812	3826822	4	0.369	0.123	4.9E-04	AT1G11362	-2.7	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	4525157	4525167	4	-0.448	0.111	1.1E-03	AT1G13245	-0.4	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	4525290	4525316	10	-0.145	0.104	4.0E-03	AT1G13245	-0.4	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	4896755	4896766	4	-0.276	0.118	6.0E-03	AT1G14340	-1.1	2.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	4966988	4966994	4	-0.331	0.125	8.0E-05	AT1G14510	-0.4	7.8E-01
5 d.p.i. <i>Pst</i>	CHH	1	5101500	5101530	4	0.243	0.101	3.3E-03	AT1G14800	1.4	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	1	5392566	5392589	4	-0.306	0.079	7.7E-03	AT1G15680	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	5696626	5696656	8	-0.202	0.149	9.6E-03	AT1G16670	-1.0	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	5699974	5699978	4	-0.255	0.082	1.2E-03	AT1G16670	-1.0	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	5799235	5799278	8	-0.162	0.088	5.9E-03	AT1G16960	1.1	2.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	6074904	6074912	4	0.363	0.040	2.8E-05	AT1G17665	-1.7	4.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	6074926	6074934	4	0.263	0.088	1.6E-04	AT1G17665	-1.7	4.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	6141417	6141441	4	-0.318	0.057	8.5E-04	AT1G17840	2.0	1.6E-02
5 d.p.i. <i>Pst</i>	CHH	1	6156823	6156891	4	0.180	0.132	5.4E-03	AT1G17890	0.7	5.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	6403864	6403894	6	0.228	0.180	1.4E-03	AT1G18610	-0.1	8.8E-01
5 d.p.i. <i>Pst</i>	CHH	1	6657157	6657168	4	0.292	0.116	7.2E-04	AT1G19260	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	6743041	6743060	4	-0.256	0.071	5.9E-03	AT1G19480	0.2	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	7036102	7036181	10	-0.276	0.064	1.7E-03	AT1G20320	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	7138812	7138818	4	-0.272	0.080	3.9E-03	AT1G20610	0.7	8.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	7201859	7201871	4	0.282	0.086	8.4E-03	AT1G20740	-1.1	9.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	7227723	7227732	4	0.232	0.092	2.9E-03	AT1G20795	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	7255171	7255179	4	0.267	0.172	9.9E-03	AT1G20860	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	7522027	7522035	4	0.247	0.082	8.4E-04	AT1G21480	0.6	6.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	7541368	7541379	4	0.214	0.162	7.3E-03	AT1G21528	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	7605019	7605047	4	-0.195	0.103	8.0E-03	AT1G21660	-0.2	8.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	7717553	7717594	6	-0.209	0.133	7.0E-03	AT1G21940	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	7719584	7719649	6	0.236	0.138	4.0E-03	AT1G21940	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	7787609	7787616	4	0.310	0.066	5.3E-04	AT1G22067	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	7935732	7935743	4	0.220	0.116	2.7E-03	AT1G22480	-Inf	3.9E-05
5 d.p.i. <i>Pst</i>	CHH	1	7976141	7976159	6	0.278	0.077	1.1E-03	AT1G22570	-0.5	9.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	8116708	8116720	4	0.323	0.152	4.0E-03	AT1G22930	-3.0	1.1E-04
5 d.p.i. <i>Pst</i>	CHH	1	8236380	8236418	12	-0.176	0.104	1.0E-03	AT1G23205	-0.1	7.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	8291493	8291552	8	-0.355	0.086	6.8E-05	AT1G23350	Inf	6.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	8375021	8375033	4	0.236	0.121	3.6E-03	AT1G23670	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	8539603	8539617	4	-0.385	0.094	5.1E-03	AT1G24145	-1.8	5.8E-02
5 d.p.i. <i>Pst</i>	CHH	1	8543934	8543943	4	-0.195	0.107	1.6E-03	AT1G24147	-1.7	4.7E-02
5 d.p.i. <i>Pst</i>	CHH	1	8573416	8573445	12	-0.261	0.156	8.2E-03	AT1G24200	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	8723470	8723521	8	0.173	0.165	7.3E-03	AT1G24610	0.4	7.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	8790500	8790524	6	0.211	0.096	6.3E-03	AT1G24909	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	8870613	8870624	6	-0.258	0.061	1.1E-03	AT1G25300	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	9013236	9013271	6	-0.259	0.165	9.2E-03	AT1G25988	-2.5	5.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	9077682	9077685	4	-0.263	0.074	4.2E-03	AT1G26240	-Inf	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	9077732	9077748	4	-0.353	0.041	5.5E-03	AT1G26240	-Inf	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	9136576	9136608	10	0.182	0.115	9.7E-03	AT1G26400	-Inf	4.8E-06
5 d.p.i. <i>Pst</i>	CHH	1	9177240	9177289	6	0.179	0.097	3.4E-03	AT1G26560	2.0	7.6E-02
5 d.p.i. <i>Pst</i>	CHH	1	9202834	9202855	4	-0.201	0.110	6.2E-03	AT1G26630	0.5	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	9236002	9236023	8	0.210	0.087	5.0E-03	AT1G26720	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	9305797	9305817	8	0.211	0.076	7.8E-03	AT1G26850	1.1	4.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	9367944	9367971	4	-0.250	0.048	1.5E-03	AT1G26976	nd	nd

5 d.p.i. <i>Pst</i>	CHH	1	9369986	9370003	4	-0.322	0.107	4.2E-03	AT1G27000	-0.7	4.8E-01
5 d.p.i. <i>Pst</i>	CHH	1	9587370	9587381	4	0.265	0.082	2.3E-03	AT1G27580	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	9587395	9587404	6	0.148	0.122	6.0E-03	AT1G27580	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	9627058	9627072	4	0.332	0.122	1.8E-03	AT1G27670	1.9	5.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	9627079	9627092	4	0.408	0.107	7.3E-03	AT1G27670	1.9	5.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	9829454	9829479	10	0.183	0.107	1.6E-03	AT1G28135	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	9837218	9837242	4	-0.188	0.121	9.2E-03	AT1G28150	0.3	7.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	10013473	10013487	4	-0.277	0.029	1.3E-05	AT1G28480	-3.9	1.5E-10
5 d.p.i. <i>Pst</i>	CHH	1	10240010	10240059	8	-0.244	0.123	8.9E-03	AT1G29280	-2.3	5.8E-02
5 d.p.i. <i>Pst</i>	CHH	1	10315382	10315391	6	-0.183	0.183	3.8E-03	AT1G29470	1.6	2.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	10315427	10315436	4	-0.232	0.188	5.8E-03	AT1G29470	1.6	2.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	10526178	10526192	8	0.230	0.076	5.6E-04	AT1G30016	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	10533568	10533595	4	0.344	0.110	2.9E-03	AT1G30040	-1.6	1.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	10568752	10568758	4	-0.317	0.074	1.4E-03	AT1G30100	-1.1	3.8E-01
5 d.p.i. <i>Pst</i>	CHH	1	10624493	10624500	4	-0.320	0.085	6.5E-03	AT1G30200	0.2	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	10652653	10652683	8	-0.305	0.153	1.9E-04	AT1G30260	-0.4	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	10852828	10852855	4	-0.242	0.104	6.8E-03	AT1G30620	-2.3	3.7E-04
5 d.p.i. <i>Pst</i>	CHH	1	10852911	10852940	6	-0.321	0.167	1.3E-03	AT1G30620	-2.3	3.7E-04
5 d.p.i. <i>Pst</i>	CHH	1	10853178	10853188	4	0.268	0.176	8.5E-03	AT1G30620	-2.3	3.7E-04
5 d.p.i. <i>Pst</i>	CHH	1	10867281	10867313	10	-0.179	0.142	2.9E-03	AT1G30650	-1.5	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	10916344	10916366	10	0.222	0.069	3.5E-03	AT1G30760	Inf	3.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	10932674	10932687	6	-0.268	0.118	1.4E-03	AT1G30790	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	10982188	10982200	4	-0.195	0.098	5.9E-04	AT1G30845	0.9	5.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	10982211	10982251	10	0.256	0.132	2.9E-03	AT1G30845	0.9	5.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	11005971	11006105	10	-0.184	0.130	4.6E-03	AT1G30920	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11032199	11032246	10	0.206	0.089	3.4E-03	AT1G30950	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11048755	11048761	4	-0.220	0.119	2.7E-03	AT1G30974	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11088837	11088870	6	-0.203	0.100	4.2E-03	AT1G31080	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11148194	11148203	4	-0.310	0.118	4.2E-03	AT1G31200	0.7	7.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	11277055	11277061	4	-0.294	0.081	4.4E-05	AT1G31510	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11286727	11286745	6	-0.236	0.120	8.0E-04	AT1G31530	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11301431	11301445	8	-0.223	0.143	2.9E-03	AT1G31550	-0.2	9.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	11310264	11310274	6	-0.225	0.070	1.2E-03	AT1G31580	-0.9	5.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	11352315	11352343	6	-0.182	0.098	6.2E-03	AT1G31710	2.9	3.2E-02
5 d.p.i. <i>Pst</i>	CHH	1	11352363	11352370	4	-0.211	0.145	4.5E-03	AT1G31710	2.9	3.2E-02
5 d.p.i. <i>Pst</i>	CHH	1	11407975	11408001	6	0.219	0.122	3.9E-03	AT1G31810	0.5	7.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	11409832	11409847	4	0.345	0.104	2.6E-04	AT1G31812	0.7	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	11421204	11421223	6	0.201	0.121	4.0E-03	AT1G31830	-1.3	1.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	11526386	11526408	6	-0.300	0.099	3.0E-05	AT1G32050	0.0	9.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	11648573	11648586	4	-0.372	0.095	3.9E-04	AT1G32290	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11734342	11734365	6	0.306	0.056	9.2E-04	AT1G32460	-1.7	4.8E-02
5 d.p.i. <i>Pst</i>	CHH	1	11737297	11737374	18	-0.231	0.146	5.0E-03	AT1G32460	-1.7	4.8E-02
5 d.p.i. <i>Pst</i>	CHH	1	11754570	11754583	4	0.277	0.156	2.7E-03	AT1G32510	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11808189	11808201	4	0.262	0.208	8.7E-03	AT1G32650	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	11822327	11822331	4	0.225	0.061	4.3E-03	AT1G32690	-2.5	6.4E-03
5 d.p.i. <i>Pst</i>	CHH	1	11901639	11901655	8	-0.220	0.119	5.8E-03	AT1G32850	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	1	11988199	11988204	4	0.333	0.068	1.9E-03	AT1G33080	0.9	5.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	12018455	12018468	4	-0.322	0.116	2.3E-03	AT1G33140	0.6	6.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	12183833	12183842	4	-0.271	0.060	6.2E-04	AT1G33600	1.0	2.2E-01

5 d.p.i. <i>Pst</i>	CHH	1	12302968	12302974	4	0.360	0.089	2.2E-03	AT1G33870	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	12363081	12363104	6	0.186	0.146	3.9E-03	AT1G34010	1.1	3.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	12406642	12406658	6	-0.255	0.093	1.0E-02	AT1G34070	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	12406783	12406796	4	0.162	0.157	8.1E-03	AT1G34070	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	12468052	12468061	4	-0.285	0.031	9.2E-03	AT1G34220	-0.7	5.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	12578874	12578897	4	0.277	0.140	4.4E-03	AT1G34410	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	12813649	12813685	10	0.172	0.092	6.0E-03	AT1G35040	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	12854292	12854298	4	-0.274	0.104	8.9E-03	AT1G35140	-1.9	5.1E-02
5 d.p.i. <i>Pst</i>	CHH	1	12866997	12867033	8	-0.170	0.158	9.9E-03	AT1G35160	-0.1	9.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	12906592	12906597	4	-0.257	0.084	1.6E-04	AT1G35220	-0.1	8.8E-01
5 d.p.i. <i>Pst</i>	CHH	1	12916109	12916119	4	0.376	0.027	3.2E-05	AT1G35230	-0.7	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	1	12918679	12918720	10	0.214	0.109	7.9E-03	AT1G35230	-0.7	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	1	12958105	12958115	4	-0.319	0.027	6.0E-03	AT1G35310	Inf	6.6E-02
5 d.p.i. <i>Pst</i>	CHH	1	13057209	13057228	6	0.287	0.119	5.5E-03	AT1G35470	-0.4	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	13057265	13057279	4	0.282	0.176	3.3E-03	AT1G35470	-0.4	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	13065179	13065209	8	-0.266	0.121	8.4E-03	AT1G35500	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	13166354	13166388	12	-0.256	0.085	6.0E-03	AT1G35630	0.5	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	1	13192303	13192330	4	0.292	0.222	5.6E-03	AT1G35660	-1.0	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	13230832	13230841	4	-0.168	0.127	8.1E-03	AT1G35730	Inf	5.6E-03
5 d.p.i. <i>Pst</i>	CHH	1	13435341	13435362	4	-0.334	0.045	5.8E-03	AT1G36020	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	13640209	13640229	4	0.261	0.072	2.6E-03	AT1G36280	1.2	5.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	13917668	13917716	4	0.187	0.101	5.4E-03	AT1G36756	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	13979348	13979374	12	0.297	0.096	1.8E-04	AT1G36920	-2.6	1.5E-01
5 d.p.i. <i>Pst</i>	CHH	1	14021172	14021203	8	0.200	0.139	3.8E-03	AT1G36970	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	14048730	14048770	4	-0.192	0.133	2.1E-03	AT1G37020	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	14185158	14185184	4	0.231	0.072	5.4E-03	AT1G37162	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	14186037	14186044	6	0.219	0.110	1.5E-03	AT1G37162	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	14298127	14298138	4	0.330	0.064	1.1E-03	AT1G38131	0.0	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	1	14539721	14539771	4	-0.304	0.172	7.3E-03	AT1G38790	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	15645807	15645814	4	-0.248	0.067	6.1E-03	AT1G41875	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	15682305	15682320	4	0.362	0.102	1.9E-03	AT1G41920	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	15760823	15760827	4	-0.289	0.104	7.4E-03	AT1G42190	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	15940479	15940496	6	0.236	0.047	1.2E-03	AT1G42480	1.5	2.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	16064204	16064233	4	0.206	0.153	7.9E-03	AT1G42700	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16259658	16259673	6	-0.268	0.061	4.4E-03	AT1G43160	-4.6	3.2E-15
5 d.p.i. <i>Pst</i>	CHH	1	16259690	16259729	4	0.279	0.175	2.4E-03	AT1G43160	-4.6	3.2E-15
5 d.p.i. <i>Pst</i>	CHH	1	16314955	16314990	6	0.152	0.195	2.6E-03	AT1G43260	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16378018	16378034	4	0.180	0.137	6.7E-03	AT1G43415	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16418708	16418717	4	-0.233	0.096	7.9E-03	AT1G43600	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16457410	16457416	4	-0.342	0.056	6.3E-04	AT1G43665	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16460068	16460074	4	-0.302	0.058	2.5E-03	AT1G43666	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16511884	16511933	6	0.259	0.211	2.3E-03	AT1G43730	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16584281	16584295	4	-0.200	0.172	8.6E-03	AT1G43810	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16706736	16706769	8	-0.184	0.125	4.2E-04	AT1G44000	1.0	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	16710000	16710008	4	0.338	0.046	2.3E-03	AT1G44000	1.0	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	16722014	16722032	6	-0.203	0.079	1.2E-03	AT1G44020	-Inf	3.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	16722361	16722397	4	0.192	0.130	3.9E-03	AT1G44020	-Inf	3.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	16728160	16728166	4	-0.207	0.118	8.6E-03	AT1G44030	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16807741	16807767	4	0.260	0.115	4.9E-04	AT1G44180	-Inf	7.2E-01

5 d.p.i. <i>Pst</i>	CHH	1	16815930	16815958	8	-0.298	0.144	2.2E-03	AT1G44191	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	16841345	16841436	4	0.262	0.079	5.8E-03	AT1G44350	-2.0	8.9E-03
5 d.p.i. <i>Pst</i>	CHH	1	16842960	16842988	6	-0.206	0.122	1.3E-03	AT1G44350	-2.0	8.9E-03
5 d.p.i. <i>Pst</i>	CHH	1	16864950	16864957	4	-0.250	0.056	1.8E-03	AT1G44542	-Inf	8.5E-12
5 d.p.i. <i>Pst</i>	CHH	1	16889602	16889616	4	-0.249	0.086	2.3E-03	AT1G44740	3.2	2.5E-01
5 d.p.i. <i>Pst</i>	CHH	1	16930454	16930539	4	0.263	0.111	5.2E-03	AT1G44830	4.2	2.5E-01
5 d.p.i. <i>Pst</i>	CHH	1	16936802	16936820	10	0.314	0.113	4.0E-05	AT1G44835	1.4	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	17023292	17023308	4	0.280	0.086	6.2E-03	AT1G45015	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	17102232	17102245	4	-0.233	0.132	3.9E-03	AT1G45190	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	17143319	17143328	4	0.194	0.143	1.9E-03	AT1G45223	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	17152138	17152161	4	0.405	0.138	2.3E-03	AT1G45233	0.9	5.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	17188207	17188271	6	0.177	0.088	8.8E-04	AT1G45616	-1.7	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	17195623	17195653	8	-0.176	0.096	8.5E-03	AT1G45976	-1.6	4.2E-02
5 d.p.i. <i>Pst</i>	CHH	1	17201904	17201907	4	0.216	0.115	6.5E-03	AT1G45976	-1.6	4.2E-02
5 d.p.i. <i>Pst</i>	CHH	1	17263658	17263691	6	0.146	0.094	7.6E-03	AT1G46696	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	17313972	17314014	4	0.318	0.206	5.3E-03	AT1G47240	0.4	7.5E-01
5 d.p.i. <i>Pst</i>	CHH	1	17364802	17364865	8	0.157	0.142	5.3E-03	AT1G47370	-2.4	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	17369586	17369605	6	-0.210	0.119	4.9E-03	AT1G47370	-2.4	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	17376853	17376888	4	0.286	0.117	5.7E-03	AT1G47380	0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	1	17391310	17391320	4	-0.262	0.167	8.6E-03	AT1G47410	0.4	7.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	17418496	17418510	4	0.251	0.064	7.1E-03	AT1G47480	0.0	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	17449782	17449809	6	-0.210	0.113	6.5E-03	AT1G47530	-1.1	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	17466162	17466185	4	-0.215	0.096	5.8E-03	AT1G47560	-0.4	7.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	17536125	17536140	6	0.280	0.105	2.7E-03	AT1G47660	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	17565890	17565895	4	0.428	0.093	6.4E-04	AT1G47740	0.5	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	17605755	17605813	10	0.233	0.121	5.7E-03	AT1G47813	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	17634066	17634077	4	0.256	0.083	1.7E-03	AT1G47870	-0.2	7.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	17679110	17679134	4	0.242	0.216	7.9E-04	AT1G47960	-1.5	8.7E-02
5 d.p.i. <i>Pst</i>	CHH	1	17685868	17685882	4	-0.233	0.063	2.2E-03	AT1G47970	-0.3	6.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	17690503	17690517	4	0.203	0.099	3.2E-03	AT1G47970	-0.3	6.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	17710741	17710757	8	0.272	0.123	1.5E-04	AT1G48010	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	17727128	17727135	4	0.308	0.096	1.1E-03	AT1G48060	-1.4	5.8E-01
5 d.p.i. <i>Pst</i>	CHH	1	17846002	17846021	4	0.177	0.095	4.0E-03	AT1G48300	-0.8	5.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	18006832	18006848	4	-0.226	0.167	8.1E-03	AT1G48690	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	18211631	18211651	4	-0.191	0.149	9.9E-03	AT1G49230	5.0	4.6E-03
5 d.p.i. <i>Pst</i>	CHH	1	18303745	18303765	4	0.270	0.162	8.4E-03	AT1G49450	-0.6	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	18320969	18321007	6	-0.197	0.172	8.2E-03	AT1G49490	1.2	6.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	18548317	18548369	6	-0.212	0.078	3.7E-03	AT1G50050	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	18600290	18600303	6	0.282	0.111	2.5E-03	AT1G50200	-0.3	7.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	18745326	18745396	12	0.262	0.188	5.5E-03	AT1G50620	-0.3	8.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	18767127	18767159	8	0.198	0.142	6.1E-03	AT1G50650	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	18769733	18769749	4	0.228	0.108	8.3E-03	AT1G50660	0.3	9.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	18817571	18817587	6	-0.231	0.120	8.9E-03	AT1G50760	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	19226380	19226402	4	-0.299	0.087	5.4E-03	AT1G51805	1.1	3.0E-01
5 d.p.i. <i>Pst</i>	CHH	1	19236646	19236654	4	0.334	0.044	7.8E-04	AT1G51810	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	19328477	19328518	10	-0.234	0.201	1.1E-03	AT1G51980	-0.3	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	19340701	19340743	4	-0.286	0.153	9.7E-03	AT1G52000	-1.3	5.7E-02
5 d.p.i. <i>Pst</i>	CHH	1	19354216	19354230	4	0.328	0.070	1.1E-03	AT1G52040	-2.3	2.5E-04
5 d.p.i. <i>Pst</i>	CHH	1	19363019	19363051	10	-0.210	0.106	4.7E-03	AT1G52060	nd	nd

5 d.p.i. <i>Pst</i>	CHH	1	19380867	19380906	6	0.384	0.109	1.6E-04	AT1G52100	-Inf	3.4E-02
5 d.p.i. <i>Pst</i>	CHH	1	19654506	19654523	4	-0.308	0.121	5.9E-04	AT1G52770	0.4	9.8E-01
5 d.p.i. <i>Pst</i>	CHH	1	19944033	19944051	4	-0.219	0.152	4.1E-03	AT1G53440	0.4	5.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	19944593	19944648	6	-0.215	0.162	4.7E-03	AT1G53440	0.4	5.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	19994976	19994984	4	0.301	0.114	5.1E-03	AT1G53590	-0.1	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	20106728	20106751	6	0.422	0.088	2.5E-04	AT1G53850	-0.1	9.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	20172209	20172315	12	0.190	0.149	8.0E-03	AT1G54040	0.7	6.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	20194454	20194464	4	0.253	0.080	3.5E-03	AT1G54095	-4.6	5.4E-05
5 d.p.i. <i>Pst</i>	CHH	1	20488958	20488972	4	0.393	0.038	1.1E-03	AT1G54950	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	20520402	20520422	6	0.136	0.149	4.2E-03	AT1G55010	-Inf	8.6E-02
5 d.p.i. <i>Pst</i>	CHH	1	20540984	20540997	4	0.240	0.158	6.8E-03	AT1G55045	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	20704419	20704434	4	0.323	0.063	1.4E-03	AT1G55440	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	20820111	20820133	6	0.189	0.140	4.1E-03	AT1G55700	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	20914207	20914211	4	0.469	0.069	7.4E-05	AT1G55920	-0.9	3.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	20972658	20972689	4	-0.234	0.197	5.0E-03	AT1G56070	0.3	9.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	21131959	21131974	6	-0.257	0.077	5.6E-04	AT1G56423	0.2	8.8E-01
5 d.p.i. <i>Pst</i>	CHH	1	21223916	21223926	4	0.218	0.129	7.4E-04	AT1G56630	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	21249668	21249684	4	0.266	0.079	7.8E-03	AT1G56680	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	21390227	21390256	4	0.184	0.136	8.5E-03	AT1G57760	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	21615432	21615445	4	0.368	0.040	8.4E-05	AT1G58270	0.9	4.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	21628817	21628836	4	-0.260	0.194	9.9E-03	AT1G58300	2.7	2.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	21681619	21681643	10	0.314	0.111	7.6E-04	AT1G58370	3.8	3.1E-03
5 d.p.i. <i>Pst</i>	CHH	1	21681690	21681699	4	-0.292	0.101	1.1E-03	AT1G58370	3.8	3.1E-03
5 d.p.i. <i>Pst</i>	CHH	1	21744549	21744563	4	0.337	0.124	3.1E-03	AT1G58602	-0.9	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	21744567	21744581	4	0.310	0.076	1.1E-04	AT1G58602	-0.9	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	21872167	21872176	4	-0.401	0.068	2.6E-03	AT1G59535	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	21872189	21872206	6	-0.248	0.124	8.8E-03	AT1G59535	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	22089851	22089857	4	-0.359	0.076	2.6E-03	AT1G59990	2.2	1.7E-02
5 d.p.i. <i>Pst</i>	CHH	1	22165517	22165598	6	0.193	0.145	3.0E-03	AT1G60110	-0.2	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	22621856	22621872	4	-0.263	0.130	8.6E-03	AT1G61330	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	22889120	22889159	8	0.170	0.138	4.7E-03	AT1G61920	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	22889472	22889502	8	-0.130	0.094	5.2E-03	AT1G61920	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	23152534	23152550	8	-0.198	0.120	6.7E-03	AT1G62540	-1.2	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	23190760	23190800	8	0.324	0.117	5.0E-04	AT1G62640	1.6	1.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	23190899	23190932	10	0.213	0.082	5.0E-03	AT1G62640	1.6	1.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	23191014	23191063	12	0.181	0.090	1.4E-04	AT1G62640	1.6	1.2E-01
5 d.p.i. <i>Pst</i>	CHH	1	23435974	23435992	8	0.247	0.203	6.9E-03	AT1G63200	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	23553921	23553933	4	-0.321	0.156	1.6E-03	AT1G63500	-0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	1	23566335	23566341	4	0.289	0.065	1.7E-04	AT1G63535	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	23566505	23566539	4	-0.218	0.077	7.6E-03	AT1G63535	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	23566990	23567012	4	-0.181	0.107	2.4E-03	AT1G63540	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	23710475	23710502	6	-0.344	0.082	4.7E-03	AT1G63870	1.1	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	24027200	24027247	12	0.210	0.103	2.7E-03	AT1G64650	1.1	3.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	24041830	24041851	4	0.367	0.090	6.8E-04	AT1G64700	1.8	4.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	24101419	24101452	10	0.179	0.108	9.0E-03	AT1G64870	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	24291486	24291546	4	0.170	0.129	1.2E-03	AT1G65390	1.6	1.3E-02
5 d.p.i. <i>Pst</i>	CHH	1	24351841	24351922	8	-0.161	0.168	4.2E-03	AT1G65486	-1.7	7.3E-02
5 d.p.i. <i>Pst</i>	CHH	1	24429057	24429087	4	-0.243	0.130	6.2E-03	AT1G65681	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	24831729	24831747	8	-0.235	0.112	8.0E-03	AT1G66553	nd	nd

5 d.p.i. <i>Pst</i>	CHH	1	25332183	25332200	6	-0.141	0.132	3.0E-03	AT1G67580	-1.2	1.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	25332263	25332361	16	0.224	0.164	3.5E-03	AT1G67580	-1.2	1.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	25358409	25358426	4	0.297	0.069	3.5E-03	AT1G67650	-2.1	3.5E-02
5 d.p.i. <i>Pst</i>	CHH	1	25401486	25401503	6	0.245	0.093	1.3E-03	AT1G67750	4.5	3.1E-03
5 d.p.i. <i>Pst</i>	CHH	1	25730222	25730237	6	-0.314	0.036	5.4E-03	AT1G68550	-0.1	9.5E-01
5 d.p.i. <i>Pst</i>	CHH	1	25976308	25976348	6	0.337	0.109	4.0E-04	AT1G69090	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	26366905	26366920	6	-0.201	0.103	6.8E-03	AT1G70000	-1.2	7.3E-02
5 d.p.i. <i>Pst</i>	CHH	1	26395153	26395185	8	-0.205	0.085	6.5E-03	AT1G70080	-Inf	2.8E-02
5 d.p.i. <i>Pst</i>	CHH	1	26510947	26510971	4	0.283	0.032	8.7E-04	AT1G70360	-0.4	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	26511164	26511176	4	0.257	0.064	6.7E-04	AT1G70360	-0.4	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	26712294	26712314	6	0.310	0.078	7.2E-05	AT1G70830	1.9	9.3E-02
5 d.p.i. <i>Pst</i>	CHH	1	26771319	26771379	6	-0.244	0.062	3.6E-03	AT1G71000	-2.9	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	26779503	26779508	4	-0.316	0.033	5.0E-03	AT1G71010	-0.7	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	28161266	28161405	6	-0.252	0.130	1.1E-03	AT1G74990	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	28188850	28188863	4	0.259	0.064	3.8E-03	AT1G75090	2.4	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	28332549	28332578	4	-0.228	0.089	1.0E-03	AT1G75470	nd	nd
5 d.p.i. <i>Pst</i>	CHH	1	28593042	28593068	6	-0.263	0.089	3.4E-03	AT1G76200	-0.1	9.3E-01
5 d.p.i. <i>Pst</i>	CHH	1	28731973	28731980	4	-0.467	0.128	4.9E-04	AT1G76580	-0.2	9.4E-01
5 d.p.i. <i>Pst</i>	CHH	1	28815588	28815596	4	-0.314	0.022	3.2E-05	AT1G76780	0.4	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	1	28912816	28912821	4	0.332	0.038	5.1E-03	AT1G76952	Inf	5.7E-01
5 d.p.i. <i>Pst</i>	CHH	1	29002519	29002527	6	-0.291	0.080	2.0E-03	AT1G77180	-0.8	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	1	29125736	29125792	6	0.205	0.100	3.5E-03	AT1G77510	0.5	9.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	29244554	29244667	8	0.219	0.106	8.4E-04	AT1G77765	-0.9	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	1	29940347	29940364	6	0.186	0.098	1.5E-03	AT1G79570	-0.4	6.6E-01
5 d.p.i. <i>Pst</i>	CHH	1	30253281	30253294	6	0.189	0.110	6.0E-03	AT1G80470	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	68868	68878	4	0.349	0.096	4.8E-04	AT2G01050	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	110011	110023	4	0.247	0.196	3.4E-03	AT2G01180	0.0	7.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	127778	127782	4	0.302	0.054	5.0E-03	AT2G01240	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	239125	239156	8	-0.132	0.136	4.9E-03	AT2G01530	-Inf	5.4E-02
5 d.p.i. <i>Pst</i>	CHH	2	247168	247229	6	0.171	0.154	9.0E-03	AT2G01554	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	400090	400108	6	-0.204	0.159	3.5E-03	AT2G01890	-2.5	3.0E-06
5 d.p.i. <i>Pst</i>	CHH	2	400165	400193	6	-0.259	0.097	5.3E-03	AT2G01890	-2.5	3.0E-06
5 d.p.i. <i>Pst</i>	CHH	2	455821	455850	10	0.317	0.139	1.1E-04	AT2G01970	-0.1	9.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	465965	465973	4	-0.341	0.090	3.5E-03	AT2G01990	2.0	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	465977	465996	4	0.286	0.058	4.8E-03	AT2G01990	2.0	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	542818	542835	4	-0.380	0.074	1.4E-03	AT2G02140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	543381	543393	4	-0.284	0.124	2.3E-03	AT2G02140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	544024	544037	4	0.437	0.047	6.6E-03	AT2G02140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	560415	560456	8	-0.162	0.117	6.7E-03	AT2G02180	-1.3	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	603499	603507	4	-0.338	0.144	1.5E-03	AT2G02290	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	626488	626501	6	0.174	0.103	6.3E-04	AT2G02380	3.4	3.8E-01
5 d.p.i. <i>Pst</i>	CHH	2	631078	631088	4	-0.239	0.081	3.1E-03	AT2G02390	-2.1	5.0E-03
5 d.p.i. <i>Pst</i>	CHH	2	670336	670345	4	0.196	0.119	6.9E-03	AT2G02498	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	712928	712954	6	0.217	0.111	5.4E-03	AT2G02610	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	713583	713661	16	0.241	0.125	4.2E-03	AT2G02610	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	713911	713932	4	-0.262	0.146	2.9E-03	AT2G02610	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	722352	722380	8	-0.153	0.156	5.9E-03	AT2G02630	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	736683	736699	4	-0.251	0.084	5.2E-03	AT2G02650	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	811499	811557	10	-0.275	0.132	8.4E-03	AT2G02820	0.0	9.2E-01

5 d.p.i. <i>Pst</i>	CHH	2	823339	823423	4	-0.192	0.134	9.9E-03	AT2G02840	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	840989	840996	4	-0.240	0.078	3.9E-03	AT2G02880	-0.5	5.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	871461	871466	4	-0.359	0.064	8.8E-05	AT2G02990	-2.5	9.3E-03
5 d.p.i. <i>Pst</i>	CHH	2	909822	909842	6	0.233	0.159	7.7E-03	AT2G03070	0.1	9.8E-01
5 d.p.i. <i>Pst</i>	CHH	2	909951	909973	4	-0.289	0.144	5.5E-04	AT2G03070	0.1	9.8E-01
5 d.p.i. <i>Pst</i>	CHH	2	919820	919838	8	0.207	0.148	4.1E-03	AT2G03090	4.5	6.9E-03
5 d.p.i. <i>Pst</i>	CHH	2	933635	933685	12	0.195	0.101	8.8E-03	AT2G03110	2.1	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	1076127	1076191	8	0.272	0.130	3.8E-04	AT2G03550	0.0	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	2	1086787	1086804	6	0.205	0.094	4.6E-03	AT2G03570	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1092254	1092262	4	-0.308	0.079	1.1E-04	AT2G03580	-1.6	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	1108320	1108385	8	-0.105	0.093	9.6E-03	AT2G03640	-0.2	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	1110980	1111086	8	-0.145	0.110	6.0E-03	AT2G03667	0.0	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	1126497	1126527	6	0.227	0.093	3.6E-03	AT2G03710	0.9	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	1135484	1135513	8	0.176	0.119	4.8E-03	AT2G03720	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1160325	1160352	6	-0.269	0.127	5.1E-03	AT2G03810	-0.6	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	1194171	1194220	10	0.220	0.120	3.7E-03	AT2G03913	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1242442	1242448	4	-0.277	0.109	3.3E-03	AT2G03955	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1242507	1242515	4	0.326	0.120	7.9E-03	AT2G03955	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1310445	1310487	6	0.363	0.167	1.4E-03	AT2G04041	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1318572	1318597	6	-0.271	0.107	1.1E-04	AT2G04046	-Inf	2.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	1380480	1380528	6	-0.220	0.149	1.1E-03	AT2G04100	-4.8	5.2E-10
5 d.p.i. <i>Pst</i>	CHH	2	1444169	1444174	4	0.365	0.055	4.5E-05	AT2G04220	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1482625	1482651	4	-0.236	0.091	4.7E-03	AT2G04280	1.8	7.9E-02
5 d.p.i. <i>Pst</i>	CHH	2	1485629	1485664	4	0.225	0.096	7.9E-03	AT2G04280	1.8	7.9E-02
5 d.p.i. <i>Pst</i>	CHH	2	1511352	1511369	4	-0.257	0.081	4.0E-03	AT2G04340	0.1	9.8E-01
5 d.p.i. <i>Pst</i>	CHH	2	1581103	1581118	4	-0.243	0.099	3.6E-03	AT2G04540	-0.3	8.8E-01
5 d.p.i. <i>Pst</i>	CHH	2	1614880	1614892	4	0.240	0.070	2.1E-03	AT2G04622	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1617083	1617111	4	-0.288	0.109	9.3E-03	AT2G04622	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1702072	1702082	4	-0.247	0.173	2.9E-03	AT2G04842	0.9	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	1801893	1801901	4	0.288	0.083	1.0E-03	AT2G05070	2.4	1.9E-02
5 d.p.i. <i>Pst</i>	CHH	2	1824713	1824771	16	-0.171	0.114	4.1E-03	AT2G05100	1.4	1.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	1857850	1857857	4	-0.364	0.037	6.8E-05	AT2G05140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1857858	1857871	6	-0.267	0.144	5.6E-04	AT2G05140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1903589	1903628	6	-0.165	0.101	7.0E-03	AT2G05230	-Inf	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	1930352	1930375	8	-0.394	0.067	9.9E-05	AT2G05294	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1955471	1955492	4	-0.474	0.084	5.3E-03	AT2G05360	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	1963243	1963260	4	-0.270	0.149	5.2E-03	AT2G05370	-1.9	7.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	1972004	1972031	4	0.235	0.108	3.4E-03	AT2G05400	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	2058855	2058889	6	0.230	0.160	8.5E-03	AT2G05580	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	2086004	2086017	4	0.324	0.215	1.2E-03	AT2G05630	-1.4	1.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	2178735	2178769	10	-0.222	0.129	2.3E-03	AT2G05760	1.6	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	2178789	2178804	4	-0.348	0.112	3.6E-04	AT2G05760	1.6	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	2219835	2219875	8	0.252	0.147	8.8E-03	AT2G05810	1.2	5.0E-01
5 d.p.i. <i>Pst</i>	CHH	2	2253947	2253989	4	0.206	0.122	6.1E-03	AT2G05900	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	2275897	2275924	4	0.279	0.129	9.2E-03	AT2G05920	0.8	5.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	2318848	2318854	4	0.258	0.058	2.6E-03	AT2G05990	1.7	9.8E-02
5 d.p.i. <i>Pst</i>	CHH	2	2349768	2349784	4	0.445	0.042	8.1E-05	AT2G06025	-0.5	7.7E-01
5 d.p.i. <i>Pst</i>	CHH	2	2378750	2378763	4	0.218	0.191	5.3E-03	AT2G06095	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	2439924	2439953	6	0.196	0.101	3.4E-03	AT2G06210	0.2	1.0E+00

5 d.p.i. <i>Pst</i>	CHH	2	2601116	2601199	16	0.236	0.146	3.8E-04	AT2G06541	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	2604576	2604589	4	0.312	0.159	3.7E-03	AT2G06555	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	2606191	2606197	4	0.249	0.129	3.5E-03	AT2G06555	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	2886744	2886754	4	0.232	0.156	8.6E-03	AT2G06983	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	2980395	2980494	8	0.195	0.126	1.2E-03	AT2G07180	-1.6	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	3001564	3001668	6	0.207	0.143	8.8E-04	AT2G07215	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	3010975	3011077	8	0.157	0.102	6.5E-03	AT2G07240	-Inf	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	3133188	3133301	8	0.171	0.193	6.0E-03	AT2G07521	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	3455926	3455970	8	0.228	0.186	7.3E-03	AT2G07728	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	3577002	3577058	10	0.159	0.128	6.8E-03	AT2G07750	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	4079538	4079555	6	0.205	0.110	5.1E-03	AT2G10535	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	4113066	4113103	4	0.192	0.268	6.7E-03	AT2G10560	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	4144551	4144559	4	-0.299	0.166	8.3E-03	AT2G10608	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	4309191	4309261	16	-0.295	0.136	3.7E-03	AT2G10940	5.7	6.2E-11
5 d.p.i. <i>Pst</i>	CHH	2	4309421	4309431	4	-0.271	0.101	1.6E-03	AT2G10940	5.7	6.2E-11
5 d.p.i. <i>Pst</i>	CHH	2	4334480	4334497	6	-0.239	0.122	1.1E-03	AT2G10975	2.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	4334559	4334567	4	-0.285	0.102	3.1E-03	AT2G10975	2.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	4351946	4351964	8	0.373	0.070	8.3E-05	AT2G11005	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	4360169	4360177	4	0.337	0.033	3.8E-04	AT2G11010	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	4370637	4370649	4	-0.316	0.103	5.6E-03	AT2G11015	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	4728284	4728303	6	0.302	0.035	8.4E-04	AT2G11778	-Inf	3.4E-05
5 d.p.i. <i>Pst</i>	CHH	2	4784237	4784291	4	0.245	0.163	6.6E-03	AT2G11851	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	4889929	4889996	4	0.181	0.131	4.8E-03	AT2G12170	-0.1	9.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	4922089	4922113	4	0.200	0.105	6.1E-03	AT2G12280	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5053700	5053713	4	-0.370	0.078	6.0E-04	AT2G12462	5.0	2.2E-03
5 d.p.i. <i>Pst</i>	CHH	2	5120232	5120252	6	-0.256	0.078	8.0E-04	AT2G12557	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5172948	5172988	6	0.213	0.156	3.7E-03	AT2G12646	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5312872	5312902	4	0.312	0.091	6.3E-04	AT2G12935	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5322660	5322729	4	0.228	0.107	7.6E-03	AT2G12945	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5333733	5333825	6	0.186	0.140	3.2E-03	AT2G12977	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5492868	5492929	4	0.242	0.073	5.5E-03	AT2G13272	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5495019	5495031	4	0.317	0.116	6.7E-03	AT2G13272	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5603558	5603571	4	0.228	0.162	5.6E-03	AT2G13450	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	5613137	5613177	8	-0.188	0.130	7.0E-03	AT2G13463	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5656918	5656977	20	0.204	0.164	5.8E-03	AT2G13570	Inf	1.0E-01
5 d.p.i. <i>Pst</i>	CHH	2	5734611	5734645	4	0.207	0.114	4.9E-03	AT2G13760	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	5779925	5779933	4	-0.316	0.095	5.1E-03	AT2G13820	4.1	2.0E-02
5 d.p.i. <i>Pst</i>	CHH	2	5904418	5904449	6	0.255	0.153	6.9E-03	AT2G14045	-0.3	7.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	5917998	5918009	4	0.331	0.092	5.2E-03	AT2G14060	Inf	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	5961349	5961373	8	0.276	0.109	3.2E-03	AT2G14120	-0.5	6.7E-01
5 d.p.i. <i>Pst</i>	CHH	2	6044102	6044122	4	-0.213	0.101	3.7E-03	AT2G14260	-0.3	8.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	6089112	6089125	4	0.308	0.086	6.5E-03	AT2G14365	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6153908	6153926	4	-0.188	0.159	4.3E-03	AT2G14460	1.1	4.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	6172646	6172662	4	0.345	0.037	6.8E-05	AT2G14510	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6350664	6350675	6	0.272	0.098	4.9E-03	AT2G14800	0.1	9.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	6362179	6362219	8	-0.198	0.091	5.4E-03	AT2G14830	-0.3	9.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	6403732	6403765	8	0.225	0.108	1.7E-03	AT2G14900	0.5	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	6457982	6458035	6	-0.172	0.147	1.7E-03	AT2G14960	Inf	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	6482584	6482594	4	-0.238	0.115	8.1E-03	AT2G15000	0.8	6.5E-01

5 d.p.i. <i>Pst</i>	CHH	2	6482941	6482947	4	-0.253	0.093	1.1E-03	AT2G15000	0.8	6.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	6495240	6495252	6	-0.243	0.135	9.2E-03	AT2G15020	-0.9	1.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	6497821	6497850	6	0.255	0.073	3.2E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6498142	6498157	6	-0.278	0.169	2.7E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6498894	6498901	4	-0.404	0.155	1.4E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6498973	6498980	4	0.273	0.179	7.7E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6513500	6513537	6	0.354	0.022	3.9E-03	AT2G15042	-0.3	8.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	6583607	6583621	4	-0.283	0.089	8.3E-04	AT2G15170	Inf	7.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	6610606	6610677	6	-0.253	0.047	6.6E-03	AT2G15230	-1.0	4.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	6627534	6627553	4	0.279	0.082	2.8E-03	AT2G15260	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6666246	6666255	4	-0.358	0.175	3.3E-03	AT2G15320	-0.2	7.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	6682756	6682767	6	-0.204	0.148	3.9E-03	AT2G15345	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6707861	6707878	4	0.235	0.066	1.0E-03	AT2G15390	-1.5	1.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	6778954	6778962	4	-0.263	0.044	8.5E-04	AT2G15535	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6813084	6813097	6	-0.156	0.098	3.8E-03	AT2G15630	-2.5	1.9E-02
5 d.p.i. <i>Pst</i>	CHH	2	6826408	6826426	4	0.366	0.084	1.6E-03	AT2G15660	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6839804	6839836	6	-0.128	0.174	7.0E-03	AT2G15710	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6840989	6841072	8	0.261	0.188	2.3E-03	AT2G15710	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6854593	6854608	4	-0.298	0.126	4.7E-03	AT2G15740	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6893018	6893025	4	-0.276	0.154	5.9E-04	AT2G15830	-1.4	2.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	6942523	6942573	4	0.276	0.190	6.7E-03	AT2G15930	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	6973059	6973076	6	0.214	0.118	8.3E-03	AT2G16018	-1.5	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	6992672	6992682	4	-0.340	0.105	1.2E-03	AT2G16090	-0.8	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	7066778	7066797	10	0.164	0.103	9.2E-03	AT2G16300	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7109564	7109583	4	-0.277	0.106	2.8E-04	AT2G16405	-0.3	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	7111224	7111231	4	-0.332	0.042	1.8E-03	AT2G16405	-0.3	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	7112319	7112353	8	-0.374	0.193	1.7E-03	AT2G16405	-0.3	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	7148495	7148513	4	-0.315	0.183	8.2E-03	AT2G16490	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	7155560	7155574	4	0.227	0.163	8.5E-03	AT2G16505	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7169323	7169347	6	-0.139	0.116	5.4E-03	AT2G16535	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7206216	7206239	4	-0.258	0.072	4.6E-03	AT2G16620	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7340474	7340492	4	0.212	0.078	8.2E-03	AT2G16930	-0.9	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	7348238	7348277	10	-0.204	0.103	5.4E-03	AT2G16940	-0.3	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	7371201	7371213	4	-0.324	0.030	8.4E-04	AT2G16970	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7421139	7421161	6	0.262	0.177	2.3E-03	AT2G17060	2.4	3.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	7421163	7421174	4	0.338	0.040	7.1E-03	AT2G17060	2.4	3.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	7421748	7421763	6	0.218	0.109	7.5E-04	AT2G17060	2.4	3.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	7503955	7503963	4	0.411	0.031	1.4E-05	AT2G17260	-1.4	1.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	7529480	7529502	8	-0.323	0.112	8.3E-03	AT2G17310	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7540387	7540399	6	0.261	0.154	8.1E-03	AT2G17340	-0.5	4.8E-01
5 d.p.i. <i>Pst</i>	CHH	2	7581370	7581378	4	0.391	0.076	1.8E-03	AT2G17450	0.3	6.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	7633471	7633493	6	0.238	0.127	2.1E-03	AT2G17540	0.5	6.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	7650646	7650653	4	-0.176	0.156	8.6E-03	AT2G17590	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7708522	7708543	8	-0.204	0.103	8.3E-04	AT2G17740	-4.2	1.2E-09
5 d.p.i. <i>Pst</i>	CHH	2	7721531	7721537	4	0.355	0.022	5.3E-03	AT2G17770	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	7749330	7749345	6	0.248	0.105	3.6E-04	AT2G17820	0.8	5.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	7777568	7777577	4	0.271	0.133	7.6E-03	AT2G17900	0.9	5.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	7807750	7807768	4	0.235	0.138	3.2E-03	AT2G17950	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7814120	7814143	8	-0.174	0.112	7.3E-03	AT2G17960	nd	nd

5 d.p.i. <i>Pst</i>	CHH	2	7814640	7814768	6	-0.346	0.081	1.3E-03	AT2G17960	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7844425	7844463	6	-0.203	0.155	5.4E-03	AT2G18050	-2.5	1.1E-03
5 d.p.i. <i>Pst</i>	CHH	2	7886604	7886633	10	-0.200	0.134	8.6E-03	AT2G18140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	7907424	7907485	8	0.230	0.107	2.1E-03	AT2G18170	-1.2	2.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	7956374	7956382	6	-0.147	0.111	5.5E-03	AT2G18320	Inf	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	7956434	7956448	6	0.233	0.138	4.3E-03	AT2G18320	Inf	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	8028915	8028932	4	-0.226	0.083	8.0E-04	AT2G18500	Inf	7.0E-01
5 d.p.i. <i>Pst</i>	CHH	2	8046107	8046125	6	-0.370	0.056	1.6E-04	AT2G18540	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	8046237	8046246	4	-0.212	0.146	7.0E-03	AT2G18540	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	8061716	8061757	10	-0.143	0.097	9.3E-03	AT2G18570	2.1	2.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	8090568	8090586	4	-0.229	0.123	4.6E-03	AT2G18660	-1.3	2.7E-01
5 d.p.i. <i>Pst</i>	CHH	2	8237024	8237062	12	0.225	0.117	1.0E-03	AT2G18980	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	8379769	8379789	6	0.153	0.108	8.8E-03	AT2G19360	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	8554863	8554871	4	-0.270	0.036	1.6E-03	AT2G19820	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	8564864	8564870	4	-0.229	0.089	1.5E-03	AT2G19850	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	8578924	8578944	6	0.178	0.112	1.0E-02	AT2G19880	-1.4	9.2E-02
5 d.p.i. <i>Pst</i>	CHH	2	8625926	8625932	4	-0.416	0.088	1.5E-03	AT2G19970	-6.3	6.8E-11
5 d.p.i. <i>Pst</i>	CHH	2	8816969	8817013	6	0.190	0.117	7.3E-03	AT2G20453	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	8854635	8854664	6	-0.261	0.099	5.0E-03	AT2G20570	0.4	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	8908123	8908150	4	0.208	0.100	4.7E-03	AT2G20650	0.2	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	8957667	8957703	14	-0.191	0.089	3.2E-03	AT2G20810	0.4	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	9022216	9022238	6	-0.236	0.138	4.3E-03	AT2G21010	1.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	9030535	9030552	6	-0.328	0.081	8.3E-03	AT2G21045	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	9064258	9064268	6	0.177	0.124	7.4E-03	AT2G21150	0.1	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	2	9169548	9169554	4	-0.353	0.014	1.4E-03	AT2G21420	Inf	7.0E-01
5 d.p.i. <i>Pst</i>	CHH	2	9228766	9228872	8	0.235	0.088	9.1E-04	AT2G21550	-2.4	2.7E-02
5 d.p.i. <i>Pst</i>	CHH	2	9234724	9234730	4	-0.244	0.079	6.3E-04	AT2G21580	0.8	5.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	9312821	9312827	4	0.242	0.182	6.5E-03	AT2G21850	-1.5	1.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	9379042	9379090	16	0.136	0.107	9.2E-04	AT2G22055	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	9470734	9470751	8	0.187	0.102	3.4E-03	AT2G22300	-0.7	6.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	9485102	9485129	6	0.334	0.092	2.0E-03	AT2G22330	-0.4	6.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	9485438	9485448	4	0.367	0.102	5.0E-04	AT2G22330	-0.4	6.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	9496956	9496967	6	0.222	0.104	5.5E-03	AT2G22360	0.9	7.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	9567045	9567067	8	-0.217	0.094	8.3E-03	AT2G22500	-1.0	4.7E-01
5 d.p.i. <i>Pst</i>	CHH	2	9595130	9595137	4	0.274	0.090	9.9E-03	AT2G22600	-3.5	1.1E-02
5 d.p.i. <i>Pst</i>	CHH	2	9595208	9595235	4	0.343	0.090	5.6E-04	AT2G22600	-3.5	1.1E-02
5 d.p.i. <i>Pst</i>	CHH	2	9595839	9595851	4	-0.251	0.107	8.2E-03	AT2G22600	-3.5	1.1E-02
5 d.p.i. <i>Pst</i>	CHH	2	9656272	9656276	4	0.315	0.125	5.8E-03	AT2G22720	-0.6	5.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	9797623	9797630	4	-0.387	0.045	4.5E-04	AT2G23010	-1.1	9.4E-02
5 d.p.i. <i>Pst</i>	CHH	2	9860101	9860115	4	-0.259	0.049	6.3E-04	AT2G23150	-2.3	5.1E-04
5 d.p.i. <i>Pst</i>	CHH	2	9896711	9896736	6	-0.209	0.128	9.5E-03	AT2G23240	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	9978904	9978924	8	0.179	0.116	4.9E-03	AT2G23440	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	10005946	10005990	8	-0.369	0.093	5.9E-03	AT2G23470	0.5	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	10038130	10038145	4	-0.236	0.102	4.2E-04	AT2G23590	-0.1	9.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	10353597	10353615	4	0.174	0.102	7.7E-03	AT2G24330	-0.2	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	10397117	10397129	4	0.204	0.112	4.2E-03	AT2G24480	Inf	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	10397191	10397256	4	-0.375	0.166	2.9E-03	AT2G24480	Inf	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	10492592	10492613	6	0.217	0.105	6.0E-03	AT2G24670	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	10527756	10527810	8	0.149	0.111	1.1E-03	AT2G24720	nd	nd

5 d.p.i. <i>Pst</i>	CHH	2	10678336	10678341	4	0.294	0.090	2.0E-03	AT2G25100	0.6	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	11056413	11056432	4	-0.299	0.124	1.4E-04	AT2G25920	-0.2	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	11177121	11177132	6	-0.343	0.167	2.7E-03	AT2G26260	1.3	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	11286331	11286345	4	-0.319	0.101	2.3E-03	AT2G26530	-0.1	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	11286388	11286420	6	-0.220	0.121	8.0E-03	AT2G26530	-0.1	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	11326475	11326485	4	0.316	0.130	1.1E-04	AT2G26620	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	11400351	11400359	4	-0.289	0.126	1.6E-03	AT2G26760	1.6	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	11428685	11428701	4	0.230	0.131	1.4E-03	AT2G26790	0.8	7.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	11549367	11549379	4	-0.265	0.071	6.0E-03	AT2G27060	1.4	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	11619571	11619577	4	-0.458	0.201	1.7E-03	AT2G27180	-2.0	1.0E-01
5 d.p.i. <i>Pst</i>	CHH	2	11721978	11721992	4	-0.189	0.127	8.8E-03	AT2G27390	-Inf	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	2	11770103	11770125	4	-0.191	0.102	8.4E-03	AT2G27540	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	11867442	11867451	4	-0.236	0.082	7.6E-04	AT2G27860	0.6	5.2E-01
5 d.p.i. <i>Pst</i>	CHH	2	11909105	11909123	4	0.219	0.147	5.4E-03	AT2G27960	-0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	2	11952786	11952792	4	0.287	0.090	5.4E-03	AT2G28060	-0.8	4.6E-01
5 d.p.i. <i>Pst</i>	CHH	2	12093901	12093929	4	-0.275	0.107	6.3E-04	AT2G28320	-1.5	4.0E-02
5 d.p.i. <i>Pst</i>	CHH	2	12155488	12155508	4	0.268	0.071	3.1E-04	AT2G28410	3.0	3.5E-02
5 d.p.i. <i>Pst</i>	CHH	2	12180754	12180796	14	-0.233	0.074	3.9E-03	AT2G28490	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	12243225	12243243	4	0.403	0.126	1.6E-04	AT2G28570	-3.0	6.7E-05
5 d.p.i. <i>Pst</i>	CHH	2	12372791	12372799	4	0.302	0.044	1.3E-03	AT2G28830	0.7	4.8E-01
5 d.p.i. <i>Pst</i>	CHH	2	12410336	12410346	4	0.320	0.064	3.3E-03	AT2G28890	-0.3	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	12810690	12810707	4	0.268	0.094	7.9E-03	AT2G30020	-0.1	8.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	13223083	13223087	4	0.264	0.075	4.9E-03	AT2G31070	0.1	9.4E-01
5 d.p.i. <i>Pst</i>	CHH	2	13375086	13375098	4	-0.367	0.043	4.9E-04	AT2G31360	2.3	6.2E-03
5 d.p.i. <i>Pst</i>	CHH	2	13426527	13426542	4	-0.332	0.088	2.7E-04	AT2G31530	0.4	7.7E-01
5 d.p.i. <i>Pst</i>	CHH	2	14335384	14335403	8	0.296	0.102	6.4E-04	AT2G33870	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	14392852	14392874	6	-0.254	0.113	5.9E-03	AT2G34110	0.8	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	14402245	14402263	8	-0.206	0.089	5.3E-03	AT2G34110	0.8	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	14402332	14402351	4	-0.235	0.085	3.6E-03	AT2G34110	0.8	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	14457507	14457526	4	0.161	0.100	8.5E-03	AT2G34238	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	14553809	14553812	4	-0.232	0.162	9.2E-03	AT2G34540	Inf	1.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	14952610	14952637	4	0.329	0.028	1.6E-04	AT2G35610	-0.2	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	2	15140773	15140781	4	-0.157	0.112	6.2E-03	AT2G36053	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	15331619	15331624	4	0.374	0.067	1.4E-03	AT2G36560	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	15402250	15402266	6	0.291	0.071	1.1E-03	AT2G36724	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	16302791	16302795	4	-0.298	0.094	2.8E-03	AT2G39050	-1.8	7.9E-03
5 d.p.i. <i>Pst</i>	CHH	2	16347390	16347397	4	-0.311	0.078	3.2E-04	AT2G39180	1.6	2.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	16560522	16560553	10	-0.225	0.129	4.4E-04	AT2G39710	-1.5	7.9E-02
5 d.p.i. <i>Pst</i>	CHH	2	16560627	16560640	4	0.464	0.090	3.4E-04	AT2G39710	-1.5	7.9E-02
5 d.p.i. <i>Pst</i>	CHH	2	16596509	16596520	4	0.168	0.126	3.7E-03	AT2G39795	0.9	5.8E-01
5 d.p.i. <i>Pst</i>	CHH	2	16890634	16890648	8	-0.207	0.108	2.6E-03	AT2G40440	-0.9	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	2	17253380	17253467	4	0.246	0.099	4.9E-03	AT2G41380	-3.5	4.6E-08
5 d.p.i. <i>Pst</i>	CHH	2	18268471	18268515	6	-0.225	0.130	7.8E-03	AT2G44175	Inf	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	2	18528214	18528233	8	0.196	0.109	2.7E-03	AT2G44925	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	18594908	18594921	6	-0.280	0.141	7.0E-03	AT2G45080	3.6	6.9E-02
5 d.p.i. <i>Pst</i>	CHH	2	18972671	18972692	4	0.250	0.078	1.8E-03	AT2G46190	nd	nd
5 d.p.i. <i>Pst</i>	CHH	2	18993656	18993668	4	0.268	0.061	2.5E-03	AT2G46260	-1.5	9.0E-02
5 d.p.i. <i>Pst</i>	CHH	2	19683740	19683772	6	-0.178	0.112	1.9E-03	AT2G48130	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	43057	43067	6	-0.217	0.082	2.6E-03	AT3G01120	0.2	9.8E-01

5 d.p.i. <i>Pst</i>	CHH	3	132514	132523	4	-0.368	0.109	4.6E-03	AT3G01350	-0.8	4.6E-01
5 d.p.i. <i>Pst</i>	CHH	3	1283273	1283290	4	-0.303	0.030	1.6E-04	AT3G04720	-3.7	5.2E-07
5 d.p.i. <i>Pst</i>	CHH	3	1283664	1283684	6	-0.241	0.112	8.2E-03	AT3G04720	-3.7	5.2E-07
5 d.p.i. <i>Pst</i>	CHH	3	1571529	1571546	6	-0.413	0.216	7.3E-03	AT3G05440	-Inf	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	2251595	2251626	4	-0.205	0.095	5.3E-03	AT3G07110	1.0	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	3	2629152	2629164	4	0.304	0.183	7.1E-03	AT3G08650	-0.7	5.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	2648489	2648498	4	-0.274	0.134	1.1E-03	AT3G08720	-2.3	2.9E-03
5 d.p.i. <i>Pst</i>	CHH	3	2772781	2772816	6	-0.235	0.118	4.6E-03	AT3G09070	1.0	5.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	2773675	2773702	8	-0.196	0.098	5.3E-03	AT3G09070	1.0	5.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	2773744	2773752	4	-0.296	0.112	3.1E-03	AT3G09070	1.0	5.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	2849466	2849487	6	-0.172	0.109	6.1E-03	AT3G09270	-5.7	8.5E-20
5 d.p.i. <i>Pst</i>	CHH	3	3837819	3837843	4	0.267	0.105	8.6E-03	AT3G12040	-1.0	5.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	4165294	4165307	6	-0.239	0.081	5.8E-03	AT3G13010	Inf	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	4285517	4285603	6	-0.200	0.128	9.6E-03	AT3G13275	-0.2	8.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	4552029	4552050	6	0.320	0.123	3.0E-03	AT3G13830	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	4752291	4752316	4	0.309	0.236	8.6E-03	AT3G14270	-0.9	2.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	4928888	4928917	4	0.339	0.112	5.3E-03	AT3G14670	-1.1	9.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	5379398	5379413	4	-0.289	0.022	2.7E-03	AT3G15909	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	5793103	5793115	4	-0.334	0.060	6.8E-05	AT3G16960	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	5816062	5816073	4	0.374	0.102	3.9E-03	AT3G17060	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	5839338	5839350	4	0.372	0.039	1.2E-04	AT3G17120	1.2	4.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	5840245	5840253	4	-0.201	0.124	6.7E-03	AT3G17120	1.2	4.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	6001505	6001530	6	0.218	0.109	9.1E-03	AT3G17530	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	6246913	6246921	4	-0.280	0.074	3.6E-03	AT3G18220	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	6718093	6718135	8	-0.129	0.110	3.3E-03	AT3G19380	0.3	7.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	6912562	6912567	4	0.452	0.075	1.0E-04	AT3G19880	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	7236395	7236401	4	0.331	0.083	6.7E-03	AT3G20700	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	7319072	7319087	6	0.279	0.129	4.0E-03	AT3G20890	0.1	9.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	7803908	7803955	12	0.246	0.122	5.2E-03	AT3G22142	7.2	7.9E-04
5 d.p.i. <i>Pst</i>	CHH	3	7803991	7804005	4	0.222	0.182	5.8E-03	AT3G22142	7.2	7.9E-04
5 d.p.i. <i>Pst</i>	CHH	3	7851290	7851314	6	-0.251	0.114	4.6E-03	AT3G22235	-1.2	1.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	8093535	8093555	4	0.357	0.078	8.7E-04	AT3G22860	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	8492076	8492084	4	-0.290	0.059	1.9E-04	AT3G23630	-1.2	5.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	8492102	8492108	4	-0.304	0.055	1.2E-03	AT3G23630	-1.2	5.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	8613954	8613962	4	0.360	0.027	3.8E-04	AT3G23850	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	8654609	8654627	6	0.339	0.062	1.4E-03	AT3G23950	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	8662063	8662083	6	0.177	0.111	6.4E-03	AT3G23970	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	8757662	8757678	6	0.349	0.118	7.0E-03	AT3G24210	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	8837223	8837285	4	0.247	0.128	7.0E-03	AT3G24350	0.0	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	8873156	8873165	4	0.270	0.132	6.0E-03	AT3G24430	1.3	1.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	9179785	9179821	12	-0.182	0.091	3.9E-03	AT3G25210	0.7	7.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	9300277	9300292	4	0.283	0.260	6.2E-03	AT3G25590	-1.4	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	9361827	9361903	14	-0.199	0.101	3.5E-04	AT3G25700	1.3	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	3	9384013	9384029	4	0.302	0.127	7.0E-03	AT3G25720	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	9558571	9558616	8	0.249	0.138	2.9E-03	AT3G26130	-2.0	5.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	9563994	9564019	6	-0.233	0.157	5.3E-03	AT3G26140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	9766823	9766909	4	-0.270	0.111	6.0E-03	AT3G26590	-2.8	2.0E-06
5 d.p.i. <i>Pst</i>	CHH	3	9773980	9773988	4	-0.354	0.027	7.8E-05	AT3G26610	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	9773997	9774002	4	-0.360	0.031	5.3E-03	AT3G26610	nd	nd

5 d.p.i. <i>Pst</i>	CHH	3	9862505	9862559	8	0.138	0.093	8.6E-03	AT3G26800	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	9903430	9903455	4	-0.268	0.044	3.7E-03	AT3G26870	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	9996261	9996276	4	-0.314	0.148	3.2E-03	AT3G27100	-0.9	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	3	10008491	10008497	4	-0.278	0.083	2.2E-03	AT3G27140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10066508	10066529	6	0.275	0.123	8.2E-03	AT3G27260	-1.4	8.6E-02
5 d.p.i. <i>Pst</i>	CHH	3	10075118	10075142	10	0.163	0.088	1.8E-03	AT3G27280	1.1	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	10139541	10139546	4	0.302	0.056	4.2E-03	AT3G27400	-0.8	6.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	10139568	10139583	6	0.300	0.172	2.3E-03	AT3G27400	-0.8	6.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	10177480	10177493	4	-0.332	0.095	2.4E-03	AT3G27480	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10177845	10177849	4	-0.261	0.071	3.4E-03	AT3G27480	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10202026	10202035	6	0.248	0.063	8.5E-03	AT3G27530	-0.4	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	10263256	10263272	8	-0.240	0.151	4.3E-03	AT3G27700	-0.8	3.4E-01
5 d.p.i. <i>Pst</i>	CHH	3	10294258	10294265	4	-0.380	0.043	1.4E-04	AT3G27785	-Inf	6.6E-04
5 d.p.i. <i>Pst</i>	CHH	3	10294364	10294371	4	-0.372	0.108	1.0E-04	AT3G27785	-Inf	6.6E-04
5 d.p.i. <i>Pst</i>	CHH	3	10369314	10369331	4	-0.352	0.125	6.3E-04	AT3G27930	0.9	4.6E-01
5 d.p.i. <i>Pst</i>	CHH	3	10407214	10407227	6	-0.284	0.147	6.1E-03	AT3G28007	0.1	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	10417408	10417416	4	0.631	0.133	1.0E-04	AT3G28020	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10417421	10417434	4	0.318	0.041	6.5E-03	AT3G28020	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10434715	10434745	10	-0.146	0.095	5.9E-03	AT3G28040	0.9	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	3	10441552	10441575	8	-0.211	0.101	5.7E-03	AT3G28050	-1.2	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	10463048	10463071	4	-0.251	0.165	9.8E-03	AT3G28120	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10652356	10652405	6	-0.199	0.112	2.4E-03	AT3G28415	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10653499	10653525	4	0.221	0.115	3.5E-03	AT3G28420	6.1	2.0E-03
5 d.p.i. <i>Pst</i>	CHH	3	10653547	10653560	6	0.158	0.112	4.0E-03	AT3G28420	6.1	2.0E-03
5 d.p.i. <i>Pst</i>	CHH	3	10653998	10654008	4	-0.246	0.149	4.2E-03	AT3G28420	6.1	2.0E-03
5 d.p.i. <i>Pst</i>	CHH	3	10734278	10734291	4	0.224	0.066	2.3E-03	AT3G28650	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10762972	10763076	10	-0.179	0.124	6.6E-03	AT3G28700	1.2	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	3	10810968	10810985	4	-0.216	0.098	8.8E-03	AT3G28780	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10811615	10811628	4	-0.244	0.099	3.6E-03	AT3G28780	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10818562	10818577	4	0.189	0.111	9.8E-03	AT3G28790	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10819963	10820020	4	-0.228	0.097	8.3E-03	AT3G28810	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10820158	10820169	4	-0.409	0.032	8.0E-04	AT3G28810	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10820647	10820660	4	0.281	0.074	4.1E-03	AT3G28810	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10837773	10837779	4	-0.368	0.152	6.6E-03	AT3G28840	3.4	3.4E-01
5 d.p.i. <i>Pst</i>	CHH	3	10888406	10888437	4	0.299	0.157	8.0E-03	AT3G28870	Inf	5.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	10902067	10902072	4	0.410	0.029	5.4E-04	AT3G28899	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	10908189	10908207	6	-0.232	0.140	9.5E-03	AT3G28910	1.2	2.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	10908399	10908469	8	0.262	0.135	2.4E-03	AT3G28910	1.2	2.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	11054147	11054227	8	-0.233	0.097	6.2E-03	AT3G29075	-0.1	9.5E-01
5 d.p.i. <i>Pst</i>	CHH	3	11079018	11079033	4	0.273	0.103	3.6E-04	AT3G29100	-0.6	5.6E-01
5 d.p.i. <i>Pst</i>	CHH	3	11089137	11089145	4	0.328	0.022	3.1E-05	AT3G29110	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	11089409	11089418	4	0.225	0.070	5.5E-03	AT3G29110	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	11089614	11089621	4	0.181	0.105	8.3E-03	AT3G29110	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	11100906	11100942	8	-0.237	0.130	2.0E-03	AT3G29130	-0.4	8.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	11133844	11133901	4	0.323	0.107	3.8E-04	AT3G29160	-0.3	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	11153077	11153084	4	-0.249	0.168	8.8E-03	AT3G29185	1.3	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	3	11158873	11158882	4	-0.294	0.115	5.5E-04	AT3G29185	1.3	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	3	11170869	11170921	12	-0.172	0.110	4.7E-03	AT3G29200	-0.7	2.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	11319842	11319866	8	-0.248	0.108	7.6E-03	AT3G29450	nd	nd

5 d.p.i. <i>Pst</i>	CHH	3	11319876	11319888	4	-0.233	0.130	1.1E-03	AT3G29450	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11388167	11388176	4	0.219	0.149	8.4E-03	AT3G29575	-1.8	8.6E-03
5 d.p.i. <i>Pst</i>	CHH	3	11403925	11403940	4	0.238	0.089	5.6E-03	AT3G29590	-3.1	1.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	11469993	11470051	4	-0.251	0.082	5.2E-03	AT3G29636	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11694506	11694518	4	0.275	0.165	3.8E-03	AT3G29790	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11703791	11703798	4	0.189	0.102	8.5E-03	AT3G29796	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11707479	11707510	8	0.205	0.115	5.6E-03	AT3G29796	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11727522	11727532	6	0.242	0.045	3.6E-04	AT3G29810	-3.5	7.0E-06
5 d.p.i. <i>Pst</i>	CHH	3	11741369	11741393	8	-0.276	0.129	5.0E-03	AT3G29970	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11741413	11741456	14	-0.211	0.135	7.4E-03	AT3G29970	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11743701	11743713	6	-0.162	0.123	9.8E-03	AT3G29970	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11782525	11782589	4	0.246	0.076	3.5E-03	AT3G30160	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11879954	11880002	8	-0.185	0.136	8.4E-03	AT3G30230	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	11955596	11955617	4	0.258	0.059	5.2E-03	AT3G30340	1.1	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	3	12062429	12062467	4	-0.257	0.133	5.8E-03	AT3G30430	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12092073	12092089	6	0.208	0.141	8.8E-03	AT3G30456	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12100126	12100177	6	0.239	0.142	5.3E-03	AT3G30460	2.1	5.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	12135784	12135807	8	0.382	0.095	4.5E-04	AT3G30530	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12144014	12144030	4	-0.193	0.102	6.2E-03	AT3G30540	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12457478	12457489	4	0.190	0.146	4.2E-03	AT3G30778	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12463293	12463314	4	-0.285	0.108	3.2E-03	AT3G30778	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12491566	12491603	6	0.218	0.112	5.1E-03	AT3G30805	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12702257	12702289	4	0.307	0.101	3.4E-03	AT3G31350	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12706385	12706395	4	0.191	0.109	3.3E-03	AT3G31350	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12765591	12765602	6	0.241	0.169	4.6E-03	AT3G31400	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12909186	12909209	4	-0.230	0.140	8.1E-03	AT3G31910	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	12952216	12952240	4	0.256	0.133	6.5E-03	AT3G31950	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	13077783	13077822	8	-0.213	0.087	1.9E-03	AT3G32090	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	13139863	13139904	4	-0.286	0.078	1.1E-03	AT3G32150	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	13358396	13358454	6	0.168	0.103	4.8E-03	AT3G32400	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	13456385	13456405	4	0.271	0.162	1.7E-03	AT3G32904	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14083135	14083250	6	-0.117	0.164	5.4E-03	AT3G33528	-1.5	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	14254525	14254592	10	-0.178	0.112	6.1E-03	AT3G42060	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14304689	14304700	4	0.263	0.150	9.5E-03	AT3G42140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14317142	14317155	4	0.307	0.156	6.6E-04	AT3G42160	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14330435	14330532	4	0.240	0.109	8.0E-03	AT3G42180	-Inf	9.4E-04
5 d.p.i. <i>Pst</i>	CHH	3	14511940	14512065	14	-0.120	0.079	4.7E-03	AT3G42385	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14677554	14677561	4	0.366	0.104	4.4E-05	AT3G42560	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14677570	14677579	4	0.442	0.102	3.0E-04	AT3G42560	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14684747	14684760	6	-0.226	0.055	2.8E-05	AT3G42565	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14928964	14928973	4	-0.347	0.045	5.2E-03	AT3G42830	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	14951811	14951945	8	0.145	0.112	8.7E-03	AT3G42870	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15078376	15078390	6	-0.408	0.140	6.0E-04	AT3G43083	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15078717	15078727	4	0.274	0.066	4.7E-03	AT3G43083	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15148314	15148342	6	0.172	0.094	1.2E-03	AT3G43153	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15155554	15155578	4	0.147	0.130	9.9E-03	AT3G43153	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15173259	15173270	4	0.341	0.122	1.2E-03	AT3G43170	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15186926	15186943	6	0.243	0.056	2.0E-03	AT3G43190	Inf	9.2E-02
5 d.p.i. <i>Pst</i>	CHH	3	15233293	15233297	4	0.252	0.094	4.0E-03	AT3G43291	nd	nd

5 d.p.i. <i>Pst</i>	CHH	3	15233458	15233477	6	0.185	0.149	5.8E-03	AT3G43291	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15351032	15351058	4	-0.168	0.119	6.0E-03	AT3G43430	0.2	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	15366680	15366696	6	-0.236	0.088	1.0E-03	AT3G43440	-1.2	2.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	15399036	15399134	6	-0.175	0.102	9.2E-03	AT3G43490	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15435221	15435233	4	-0.340	0.088	1.2E-03	AT3G43540	0.2	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	3	15566132	15566141	4	0.273	0.049	3.6E-04	AT3G43660	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15619738	15619751	8	-0.335	0.112	6.0E-03	AT3G43722	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15640628	15640639	6	0.224	0.068	5.7E-03	AT3G43740	0.3	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	15641811	15641854	4	0.365	0.214	6.2E-03	AT3G43740	0.3	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	15681786	15681828	18	0.219	0.090	6.9E-03	AT3G43829	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15730282	15730293	4	0.340	0.086	1.0E-03	AT3G43870	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15746613	15746618	4	0.302	0.078	8.1E-05	AT3G43900	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15780605	15780626	4	-0.482	0.037	1.0E-03	AT3G43980	0.9	3.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	15803307	15803320	4	-0.232	0.099	8.6E-03	AT3G44020	0.8	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	15864987	15864992	4	-0.297	0.073	1.6E-03	AT3G44100	-1.4	6.3E-02
5 d.p.i. <i>Pst</i>	CHH	3	15865215	15865263	6	0.152	0.149	8.6E-03	AT3G44100	-1.4	6.3E-02
5 d.p.i. <i>Pst</i>	CHH	3	15875045	15875056	4	0.217	0.097	2.3E-03	AT3G44115	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	15926947	15926983	8	-0.174	0.086	8.2E-04	AT3G44220	3.8	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	3	15941817	15941826	4	0.327	0.085	9.1E-04	AT3G44240	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16011254	16011261	6	-0.379	0.143	3.3E-04	AT3G44330	-1.0	2.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	16011331	16011343	4	-0.333	0.078	6.4E-04	AT3G44330	-1.0	2.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	16052499	16052504	4	0.254	0.128	2.4E-03	AT3G44400	-1.1	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	3	16100813	16100854	8	-0.269	0.118	1.1E-03	AT3G44490	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16106638	16106678	4	0.265	0.099	4.5E-04	AT3G44510	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16107497	16107517	4	0.245	0.148	7.1E-03	AT3G44510	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16156319	16156407	6	-0.181	0.137	3.3E-03	AT3G44570	-3.4	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	16226354	16226402	6	-0.217	0.115	5.8E-03	AT3G44680	-0.2	9.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	16266759	16266786	6	0.242	0.121	1.6E-04	AT3G44718	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16269078	16269093	4	0.224	0.194	5.1E-03	AT3G44720	-2.5	4.6E-04
5 d.p.i. <i>Pst</i>	CHH	3	16413229	16413235	4	-0.271	0.044	1.1E-04	AT3G44940	4.0	2.0E-02
5 d.p.i. <i>Pst</i>	CHH	3	16416901	16416912	4	0.376	0.254	7.8E-04	AT3G44940	4.0	2.0E-02
5 d.p.i. <i>Pst</i>	CHH	3	16416913	16416933	8	0.245	0.111	8.0E-04	AT3G44940	4.0	2.0E-02
5 d.p.i. <i>Pst</i>	CHH	3	16419840	16419907	8	-0.220	0.166	1.1E-03	AT3G44950	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16438032	16438039	4	0.306	0.087	2.4E-03	AT3G44980	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16438378	16438389	4	-0.206	0.176	5.8E-03	AT3G44980	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16485715	16485730	6	-0.214	0.118	7.0E-03	AT3G45070	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16510744	16510757	4	0.207	0.102	8.0E-03	AT3G45110	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16519752	16519765	4	-0.216	0.167	2.2E-03	AT3G45130	-8.0	1.5E-37
5 d.p.i. <i>Pst</i>	CHH	3	16522144	16522162	4	0.391	0.046	2.7E-03	AT3G45140	-1.1	1.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	16538445	16538456	4	0.243	0.107	3.9E-03	AT3G45180	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	16574418	16574427	4	-0.316	0.101	2.6E-04	AT3G45240	-0.9	2.7E-01
5 d.p.i. <i>Pst</i>	CHH	3	16589681	16589686	4	-0.416	0.085	2.3E-03	AT3G45252	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16781585	16781655	4	-0.189	0.206	4.1E-03	AT3G45710	-0.9	8.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	16840338	16840368	6	-0.181	0.095	8.3E-03	AT3G45820	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16852673	16852700	4	-0.216	0.090	5.5E-03	AT3G45840	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16854205	16854233	4	0.284	0.055	5.3E-05	AT3G45840	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16854817	16854839	6	0.210	0.079	4.9E-03	AT3G45840	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16906183	16906286	6	0.162	0.090	6.2E-03	AT3G45990	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16943593	16943600	4	-0.374	0.137	2.7E-03	AT3G46130	0.7	7.3E-01

5 d.p.i. <i>Pst</i>	CHH	3	16989792	16989797	4	-0.302	0.068	4.5E-05	AT3G46240	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16992585	16992614	6	0.277	0.071	1.0E-03	AT3G46240	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	16995785	16995798	4	0.232	0.096	5.5E-03	AT3G46260	-Inf	4.5E-03
5 d.p.i. <i>Pst</i>	CHH	3	17070209	17070230	4	0.292	0.060	6.2E-04	AT3G46390	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	17087113	17087137	12	-0.288	0.215	2.6E-03	AT3G46430	0.8	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	17150661	17150667	4	0.284	0.157	8.6E-03	AT3G46590	0.2	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	17177465	17177500	8	0.219	0.119	4.1E-03	AT3G46620	0.8	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	17275974	17275980	4	-0.406	0.083	5.3E-03	AT3G46904	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	17311137	17311188	10	-0.265	0.112	2.6E-03	AT3G46990	2.1	1.4E-01
5 d.p.i. <i>Pst</i>	CHH	3	17417194	17417207	4	0.354	0.040	5.0E-03	AT3G47290	0.6	7.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	17471066	17471074	4	0.490	0.186	4.2E-04	AT3G47410	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	17516825	17516837	6	-0.162	0.109	8.0E-03	AT3G47530	0.0	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	17636148	17636159	4	-0.281	0.126	7.6E-03	AT3G47800	0.5	4.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	17899418	17899445	6	-0.278	0.106	7.0E-03	AT3G48340	-Inf	6.9E-02
5 d.p.i. <i>Pst</i>	CHH	3	18018990	18019019	4	-0.378	0.183	7.9E-04	AT3G48630	-3.3	3.9E-04
5 d.p.i. <i>Pst</i>	CHH	3	18069321	18069344	6	-0.253	0.083	8.6E-05	AT3G48750	-0.2	8.8E-01
5 d.p.i. <i>Pst</i>	CHH	3	18069443	18069454	4	-0.273	0.104	1.8E-03	AT3G48750	-0.2	8.8E-01
5 d.p.i. <i>Pst</i>	CHH	3	18087237	18087247	4	0.415	0.059	1.3E-03	AT3G48770	3.5	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	3	18244295	18244317	4	-0.262	0.168	5.9E-03	AT3G49210	-3.8	5.4E-11
5 d.p.i. <i>Pst</i>	CHH	3	18244356	18244369	4	0.202	0.082	4.5E-04	AT3G49210	-3.8	5.4E-11
5 d.p.i. <i>Pst</i>	CHH	3	18254812	18254835	6	0.282	0.090	5.9E-03	AT3G49230	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	18255703	18255711	4	0.244	0.092	5.3E-03	AT3G49240	1.8	2.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	18459194	18459229	8	0.268	0.111	4.4E-03	AT3G49770	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	18495281	18495300	8	0.375	0.122	1.3E-03	AT3G49880	0.4	7.8E-01
5 d.p.i. <i>Pst</i>	CHH	3	18495335	18495369	4	-0.347	0.146	5.1E-03	AT3G49880	0.4	7.8E-01
5 d.p.i. <i>Pst</i>	CHH	3	18545495	18545519	6	0.219	0.132	2.0E-03	AT3G50022	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	18629965	18629994	4	0.326	0.150	3.1E-03	AT3G50250	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	18652106	18652119	6	0.219	0.127	1.9E-03	AT3G50320	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	18727003	18727043	8	-0.254	0.138	2.9E-03	AT3G50460	-2.9	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	3	18873605	18873613	4	-0.392	0.088	1.2E-03	AT3G50770	-3.9	1.6E-10
5 d.p.i. <i>Pst</i>	CHH	3	18873620	18873625	4	-0.252	0.067	4.0E-05	AT3G50770	-3.9	1.6E-10
5 d.p.i. <i>Pst</i>	CHH	3	18873628	18873648	6	-0.295	0.152	7.7E-03	AT3G50770	-3.9	1.6E-10
5 d.p.i. <i>Pst</i>	CHH	3	18873888	18873907	4	-0.256	0.065	8.0E-03	AT3G50770	-3.9	1.6E-10
5 d.p.i. <i>Pst</i>	CHH	3	18885698	18885747	4	-0.330	0.100	8.4E-03	AT3G50808	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	18927986	18928005	4	-0.362	0.085	4.8E-04	AT3G50930	-0.8	6.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	18932813	18932826	4	-0.321	0.054	2.2E-03	AT3G50940	-2.8	1.2E-02
5 d.p.i. <i>Pst</i>	CHH	3	18948397	18948432	10	0.204	0.058	7.0E-05	AT3G51010	0.8	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	3	19428113	19428154	16	0.268	0.095	7.8E-03	AT3G52400	-0.2	9.8E-01
5 d.p.i. <i>Pst</i>	CHH	3	19464843	19464855	4	0.310	0.089	8.2E-03	AT3G52500	1.6	6.5E-02
5 d.p.i. <i>Pst</i>	CHH	3	19520927	19520945	6	-0.366	0.061	1.2E-03	AT3G52640	0.8	4.3E-01
5 d.p.i. <i>Pst</i>	CHH	3	19648424	19648462	8	0.258	0.095	6.8E-04	AT3G52990	0.2	9.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	19648465	19648474	4	-0.237	0.097	2.9E-03	AT3G52990	0.2	9.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	20144075	20144084	6	-0.240	0.072	7.0E-03	AT3G54410	-0.5	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	20188482	20188492	4	-0.237	0.173	9.2E-03	AT3G54530	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	20233591	20233628	4	-0.185	0.150	8.9E-03	AT3G54660	-0.1	9.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	20260413	20260418	4	-0.262	0.100	2.3E-03	AT3G54730	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	20304835	20304843	4	0.161	0.127	9.6E-03	AT3G54820	-0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	3	20657993	20657996	4	-0.211	0.134	1.3E-03	AT3G55670	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	21413509	21413528	8	-0.271	0.136	2.5E-03	AT3G57800	0.0	8.3E-01

5 d.p.i. <i>Pst</i>	CHH	3	21509521	21509543	6	0.303	0.126	1.4E-03	AT3G58080	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	21509677	21509714	6	0.225	0.093	3.6E-03	AT3G58080	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	21547601	21547616	6	-0.225	0.092	3.0E-03	AT3G58190	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	21609077	21609081	4	-0.258	0.060	3.9E-03	AT3G58410	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	22058072	22058080	4	-0.184	0.129	9.1E-03	AT3G59710	0.6	8.4E-01
5 d.p.i. <i>Pst</i>	CHH	3	22112987	22112997	6	-0.339	0.099	6.4E-04	AT3G59850	-3.3	2.4E-01
5 d.p.i. <i>Pst</i>	CHH	3	22119887	22119942	6	-0.150	0.160	5.1E-03	AT3G59880	-0.4	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	3	22378120	22378134	6	-0.174	0.083	5.4E-03	AT3G60550	0.5	7.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	22660427	22660447	6	-0.251	0.097	9.0E-04	AT3G61210	0.6	3.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	22660487	22660527	6	-0.185	0.146	1.0E-02	AT3G61210	0.6	3.0E-01
5 d.p.i. <i>Pst</i>	CHH	3	22767057	22767078	8	-0.283	0.068	6.5E-03	AT3G61510	nd	nd
5 d.p.i. <i>Pst</i>	CHH	3	23117399	23117404	4	-0.363	0.052	8.4E-04	AT3G62499	0.5	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	376700	376714	4	0.262	0.078	5.4E-03	AT4G00890	Inf	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	378934	378944	6	0.238	0.151	7.0E-03	AT4G00893	0.5	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	464614	464661	4	-0.228	0.060	2.9E-03	AT4G01070	-1.8	4.5E-03
5 d.p.i. <i>Pst</i>	CHH	4	476205	476219	4	-0.234	0.089	5.3E-04	AT4G01100	-0.5	5.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	521844	521871	6	0.316	0.192	1.0E-03	AT4G01240	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	563612	563646	4	0.265	0.130	3.9E-03	AT4G01360	-3.0	3.4E-05
5 d.p.i. <i>Pst</i>	CHH	4	665254	665260	4	-0.260	0.048	1.1E-03	AT4G01535	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	698773	698801	10	-0.214	0.107	8.5E-03	AT4G01630	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	700164	700168	4	-0.282	0.095	4.7E-03	AT4G01630	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	700179	700186	4	0.329	0.020	3.8E-03	AT4G01630	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	743129	743170	8	-0.188	0.148	7.4E-03	AT4G01720	-1.6	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	743184	743204	4	-0.326	0.052	4.9E-04	AT4G01720	-1.6	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	792361	792375	4	0.297	0.075	3.9E-03	AT4G01840	-0.3	9.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	929464	929494	8	-0.169	0.124	3.1E-03	AT4G02100	3.4	1.9E-02
5 d.p.i. <i>Pst</i>	CHH	4	963978	963999	6	-0.219	0.074	8.5E-03	AT4G02190	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	993962	994049	4	-0.191	0.095	3.7E-03	AT4G02280	-2.8	1.5E-06
5 d.p.i. <i>Pst</i>	CHH	4	1001006	1001019	4	-0.316	0.038	8.4E-04	AT4G02290	Inf	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	1090828	1090854	6	0.237	0.179	7.7E-03	AT4G02482	0.5	8.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	1190111	1190122	4	-0.299	0.080	8.0E-03	AT4G02700	-0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	1190231	1190296	16	-0.218	0.119	5.1E-03	AT4G02700	-0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	1288927	1288949	8	-0.230	0.093	9.6E-04	AT4G02910	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	1291810	1291814	4	-0.167	0.129	9.3E-03	AT4G02920	0.7	6.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	1356152	1356165	4	-0.239	0.081	7.9E-04	AT4G03070	1.0	6.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	1461315	1461328	4	0.223	0.223	3.8E-03	AT4G03320	-6.4	6.1E-31
5 d.p.i. <i>Pst</i>	CHH	4	1509062	1509144	22	-0.171	0.091	8.4E-04	AT4G03415	0.4	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	1533188	1533198	4	-0.255	0.096	7.0E-04	AT4G03450	-0.3	9.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	1777926	1777933	4	0.404	0.079	4.8E-03	AT4G03820	-0.6	7.6E-01
5 d.p.i. <i>Pst</i>	CHH	4	1929619	1929636	4	-0.239	0.183	2.6E-03	AT4G04020	3.1	1.9E-03
5 d.p.i. <i>Pst</i>	CHH	4	1936706	1936736	8	-0.196	0.118	8.4E-04	AT4G04030	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	1957269	1957277	4	0.355	0.043	1.2E-03	AT4G04078	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	2208044	2208109	8	-0.122	0.137	8.1E-03	AT4G04423	-Inf	3.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	2285495	2285520	6	-0.259	0.166	6.5E-03	AT4G04570	0.7	4.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	2304664	2304670	4	-0.421	0.111	1.0E-03	AT4G04601	Inf	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	2367280	2367302	8	-0.275	0.117	7.4E-03	AT4G04670	0.9	6.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	2415879	2415924	12	0.228	0.096	2.3E-03	AT4G04750	0.4	8.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	2447521	2447542	4	0.179	0.112	6.1E-03	AT4G04830	0.3	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	2447606	2447627	6	0.242	0.081	1.0E-02	AT4G04830	0.3	8.5E-01

5 d.p.i. <i>Pst</i>	CHH	4	2606024	2606033	4	-0.347	0.017	2.5E-06	AT4G05080	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	2664076	2664094	4	-0.272	0.072	8.8E-03	AT4G05160	-0.7	4.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	2686503	2686542	6	0.217	0.181	2.2E-03	AT4G05230	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	2713149	2713219	10	-0.153	0.096	4.7E-03	AT4G05310	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	2714142	2714154	4	0.273	0.064	2.2E-03	AT4G05310	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	2731525	2731547	4	0.336	0.308	8.9E-03	AT4G05360	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	2755768	2755774	4	-0.298	0.045	9.5E-04	AT4G05440	0.6	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	2773606	2773633	8	-0.149	0.108	2.4E-03	AT4G05490	-Inf	3.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	2815063	2815071	4	-0.267	0.127	4.6E-03	AT4G05530	-0.7	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	2905085	2905098	4	-0.264	0.135	2.6E-03	AT4G05590	-2.0	4.1E-03
5 d.p.i. <i>Pst</i>	CHH	4	2987708	2987722	4	0.318	0.082	8.9E-03	AT4G05630	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	2989528	2989585	12	0.201	0.147	8.2E-03	AT4G05630	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	3114164	3114221	6	-0.174	0.137	1.7E-03	AT4G06490	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	3353377	3353409	6	0.161	0.096	7.2E-03	AT4G06534	3.7	1.5E-02
5 d.p.i. <i>Pst</i>	CHH	4	3359407	3359418	4	0.293	0.081	1.2E-03	AT4G06536	4.3	8.5E-03
5 d.p.i. <i>Pst</i>	CHH	4	3572370	3572444	4	-0.123	0.176	7.0E-03	AT4G06583	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	3770955	3770974	4	0.181	0.130	8.0E-03	AT4G06634	-0.1	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	4044330	4044342	4	0.186	0.121	5.2E-03	AT4G06740	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	4046760	4046781	4	-0.272	0.184	4.7E-03	AT4G06740	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	4068390	4068418	4	-0.262	0.125	5.8E-03	AT4G06744	-4.6	2.7E-11
5 d.p.i. <i>Pst</i>	CHH	4	4068790	4068804	4	0.283	0.062	5.1E-03	AT4G06744	-4.6	2.7E-11
5 d.p.i. <i>Pst</i>	CHH	4	4068931	4068949	8	0.302	0.101	3.4E-04	AT4G06744	-4.6	2.7E-11
5 d.p.i. <i>Pst</i>	CHH	4	4069386	4069399	6	0.243	0.066	3.4E-04	AT4G06744	-4.6	2.7E-11
5 d.p.i. <i>Pst</i>	CHH	4	4344849	4344861	4	-0.162	0.117	8.4E-03	AT4G07524	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	4462700	4462790	6	-0.208	0.147	9.1E-03	AT4G07670	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	4728385	4728423	4	0.250	0.196	4.4E-03	AT4G07932	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	4810988	4811004	4	0.189	0.169	4.6E-03	AT4G07965	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	4848744	4848809	4	0.239	0.098	9.6E-03	AT4G08025	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5176469	5176483	6	-0.184	0.134	2.3E-03	AT4G08190	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5190292	5190357	10	0.266	0.173	6.3E-04	AT4G08230	-0.4	7.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	5226035	5226060	4	0.211	0.155	8.7E-03	AT4G08280	-0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	5226900	5226914	6	-0.190	0.100	7.8E-03	AT4G08280	-0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	5284038	5284062	8	0.223	0.082	2.1E-03	AT4G08350	-0.1	8.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	5333470	5333516	8	-0.136	0.102	1.6E-03	AT4G08406	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5382409	5382422	4	0.410	0.145	1.1E-03	AT4G08460	-0.5	6.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	5382429	5382472	8	0.173	0.155	8.3E-03	AT4G08460	-0.5	6.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	5422840	5422888	10	0.126	0.116	9.6E-03	AT4G08530	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5428683	5428699	4	0.333	0.070	2.6E-03	AT4G08540	-0.4	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	5432998	5433009	4	-0.217	0.137	8.6E-03	AT4G08540	-0.4	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	5443078	5443086	4	0.290	0.084	7.2E-05	AT4G08550	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5511968	5512020	4	-0.212	0.201	9.9E-03	AT4G08630	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5560007	5560024	6	0.288	0.161	2.3E-03	AT4G08691	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5604479	5604495	8	0.200	0.080	3.9E-03	AT4G08780	-Inf	8.6E-02
5 d.p.i. <i>Pst</i>	CHH	4	5605009	5605060	8	0.262	0.246	3.8E-03	AT4G08780	-Inf	8.6E-02
5 d.p.i. <i>Pst</i>	CHH	4	5613523	5613566	6	0.174	0.171	8.8E-03	AT4G08800	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5619074	5619086	4	-0.275	0.063	2.0E-04	AT4G08810	0.9	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	5627857	5627872	4	0.245	0.140	9.6E-03	AT4G08840	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5642524	5642541	4	-0.292	0.107	1.3E-03	AT4G08850	-1.1	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	5654633	5654672	4	-0.336	0.092	9.2E-03	AT4G08869	nd	nd

5 d.p.i. <i>Pst</i>	CHH	4	5658157	5658165	4	0.342	0.079	1.0E-03	AT4G08869	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5695843	5695864	4	0.264	0.069	1.6E-03	AT4G08895	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5698818	5698876	18	-0.135	0.125	3.2E-03	AT4G08895	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5763976	5763984	4	-0.280	0.064	2.2E-03	AT4G08990	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5836901	5836907	4	0.279	0.061	1.5E-03	AT4G09153	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5844827	5844850	6	0.255	0.236	5.5E-04	AT4G09170	-0.5	8.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	5929304	5929338	4	-0.241	0.094	3.3E-03	AT4G09340	-0.6	5.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	5929781	5929836	4	-0.232	0.176	9.4E-03	AT4G09340	-0.6	5.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	5929910	5929936	4	0.194	0.100	5.1E-03	AT4G09350	0.8	6.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	5933824	5933844	4	-0.275	0.174	8.5E-03	AT4G09350	0.8	6.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	5943965	5943989	4	0.229	0.081	2.9E-03	AT4G09360	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	5988302	5988317	4	0.212	0.104	2.2E-03	AT4G09460	-1.3	2.0E-01
5 d.p.i. <i>Pst</i>	CHH	4	6014942	6014954	4	-0.320	0.061	4.5E-04	AT4G09490	-0.7	8.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	6045105	6045120	8	0.286	0.125	4.6E-03	AT4G09560	0.2	8.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	6045616	6045633	4	0.265	0.081	2.0E-03	AT4G09560	0.2	8.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	6072471	6072605	6	0.137	0.126	9.6E-03	AT4G09600	Inf	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	6102208	6102225	4	-0.350	0.039	4.4E-04	AT4G09650	1.9	1.0E-01
5 d.p.i. <i>Pst</i>	CHH	4	6106262	6106320	4	0.217	0.150	4.9E-03	AT4G09660	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	6115850	6115904	6	0.293	0.151	8.9E-03	AT4G09680	-0.8	3.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	6128216	6128230	4	0.296	0.092	6.4E-03	AT4G09690	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	6129619	6129650	4	0.202	0.092	2.3E-03	AT4G09720	0.2	9.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	6173442	6173450	4	0.328	0.028	1.5E-05	AT4G09800	0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	6274298	6274406	6	-0.233	0.164	6.2E-03	AT4G10030	0.4	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	6321949	6322001	8	-0.173	0.132	2.2E-03	AT4G10130	-0.6	6.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	6342563	6342576	4	0.506	0.057	4.9E-03	AT4G10170	-0.2	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	6365763	6365776	4	0.294	0.088	2.2E-03	AT4G10230	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	6437703	6437721	4	-0.283	0.076	5.7E-03	AT4G10380	-1.6	3.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	6479514	6479533	8	-0.269	0.098	4.5E-04	AT4G10480	1.2	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	6596812	6596830	6	0.226	0.085	4.2E-04	AT4G10700	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	6639179	6639191	4	0.238	0.115	3.8E-03	AT4G10780	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	6639323	6639337	4	-0.347	0.085	5.7E-03	AT4G10780	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	6687116	6687129	4	0.193	0.136	7.7E-03	AT4G10880	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	6700135	6700208	4	0.247	0.103	9.1E-04	AT4G10920	-0.3	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	6723357	6723386	4	-0.368	0.178	3.8E-03	AT4G10970	-0.2	9.6E-01
5 d.p.i. <i>Pst</i>	CHH	4	6846119	6846134	8	-0.132	0.096	2.2E-03	AT4G11230	-0.8	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	6876633	6876640	4	0.203	0.077	8.4E-03	AT4G11300	0.3	7.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	6899830	6899835	4	-0.339	0.051	2.2E-03	AT4G11340	-6.7	4.3E-09
5 d.p.i. <i>Pst</i>	CHH	4	6900156	6900202	12	0.194	0.134	5.3E-04	AT4G11340	-6.7	4.3E-09
5 d.p.i. <i>Pst</i>	CHH	4	6984698	6984716	6	0.242	0.138	9.1E-03	AT4G11510	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	7067372	7067424	4	-0.250	0.086	8.8E-03	AT4G11730	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	7191284	7191293	4	0.387	0.082	1.1E-04	AT4G11990	-1.7	3.9E-02
5 d.p.i. <i>Pst</i>	CHH	4	7217454	7217504	8	0.175	0.113	4.8E-03	AT4G12040	-0.7	6.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	7292538	7292578	10	0.181	0.069	5.6E-03	AT4G12250	-1.1	2.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	7364553	7364559	4	0.337	0.106	8.3E-04	AT4G12430	-0.2	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	7390968	7390974	4	-0.235	0.057	2.7E-03	AT4G12460	-0.1	8.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	7391033	7391043	4	-0.263	0.107	5.2E-03	AT4G12460	-0.1	8.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	7425744	7425763	8	0.309	0.108	6.0E-03	AT4G12530	-Inf	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	7425772	7425780	4	0.322	0.093	2.6E-03	AT4G12530	-Inf	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	7564636	7564647	4	0.342	0.210	1.6E-03	AT4G12920	nd	nd

5 d.p.i. <i>Pst</i>	CHH	4	7579007	7579085	16	-0.182	0.095	4.5E-03	AT4G12950	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	7899434	7899446	4	-0.371	0.072	6.1E-05	AT4G13580	0.7	5.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	7923376	7923389	4	0.236	0.112	2.4E-03	AT4G13615	0.0	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	8064514	8064535	6	-0.210	0.109	8.5E-03	AT4G13960	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	8065098	8065127	8	0.244	0.095	7.0E-03	AT4G13965	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	8130673	8130750	12	-0.170	0.095	7.3E-03	AT4G14105	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	8131105	8131116	4	0.226	0.073	1.0E-03	AT4G14105	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	8263751	8263757	4	-0.320	0.020	8.4E-05	AT4G14350	-0.4	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	8295393	8295463	6	-0.219	0.102	1.1E-03	AT4G14400	-0.5	7.0E-01
5 d.p.i. <i>Pst</i>	CHH	4	8326748	8326822	4	-0.207	0.121	8.1E-03	AT4G14480	1.3	2.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	8393544	8393570	4	-0.216	0.176	9.5E-03	AT4G14630	-10.8	3.5E-26
5 d.p.i. <i>Pst</i>	CHH	4	8421691	8421697	4	-0.266	0.100	2.2E-03	AT4G14700	-0.8	6.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	8465867	8465915	16	0.206	0.130	4.6E-03	AT4G14746	-0.3	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	8537469	8537479	6	-0.169	0.103	5.7E-03	AT4G14930	-2.0	6.7E-03
5 d.p.i. <i>Pst</i>	CHH	4	8633312	8633317	4	0.294	0.053	1.2E-04	AT4G15110	0.9	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	8670241	8670254	4	0.383	0.032	1.1E-04	AT4G15210	-1.5	1.1E-02
5 d.p.i. <i>Pst</i>	CHH	4	8670274	8670281	4	0.201	0.122	5.3E-03	AT4G15210	-1.5	1.1E-02
5 d.p.i. <i>Pst</i>	CHH	4	8671208	8671256	10	-0.335	0.104	1.1E-03	AT4G15215	0.2	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	8725209	8725218	4	0.254	0.110	6.0E-03	AT4G15290	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	8744293	8744306	4	-0.251	0.090	1.3E-03	AT4G15320	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	8777274	8777291	6	-0.231	0.060	1.3E-03	AT4G15370	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	8811449	8811462	4	0.348	0.055	4.2E-03	AT4G15400	-2.3	6.3E-02
5 d.p.i. <i>Pst</i>	CHH	4	8837123	8837129	4	-0.162	0.131	5.0E-03	AT4G15440	-3.0	7.6E-08
5 d.p.i. <i>Pst</i>	CHH	4	8882237	8882267	10	0.238	0.127	3.4E-03	AT4G15560	1.5	2.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	9069337	9069376	8	0.166	0.107	5.3E-03	AT4G16008	0.9	3.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	9179199	9179204	4	-0.318	0.094	3.3E-03	AT4G16215	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	9179971	9180028	4	-0.294	0.089	2.5E-03	AT4G16215	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	9215711	9215722	4	-0.346	0.043	5.0E-03	AT4G16295	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	9317897	9317906	4	-0.353	0.038	5.3E-04	AT4G16540	-Inf	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	9439745	9439761	4	0.295	0.051	5.3E-03	AT4G16770	0.1	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	9575342	9575350	4	0.347	0.051	1.9E-04	AT4G17010	-0.1	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	9575450	9575467	6	-0.208	0.085	1.0E-02	AT4G17010	-0.1	9.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	9688080	9688088	4	-0.378	0.117	6.2E-03	AT4G17310	-0.1	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	9688482	9688490	4	-0.281	0.060	5.8E-04	AT4G17310	-0.1	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	9762136	9762158	4	-0.306	0.159	1.6E-03	AT4G17500	-1.1	4.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	9763046	9763057	4	0.224	0.074	3.3E-03	AT4G17505	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	9841556	9841570	4	-0.246	0.059	3.5E-03	AT4G17680	1.2	7.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	9927913	9927938	8	-0.158	0.075	7.4E-03	AT4G17870	-0.3	8.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	10049935	10049949	4	-0.392	0.074	8.3E-03	AT4G18150	1.1	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	10050807	10050818	4	0.302	0.096	1.3E-03	AT4G18150	1.1	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	10171581	10171602	8	-0.180	0.095	4.7E-03	AT4G18400	-0.1	9.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	10397266	10397319	8	0.307	0.127	3.2E-03	AT4G18980	-4.4	1.6E-07
5 d.p.i. <i>Pst</i>	CHH	4	10630678	10630687	6	-0.148	0.110	1.2E-03	AT4G19510	-1.6	3.4E-02
5 d.p.i. <i>Pst</i>	CHH	4	10631344	10631368	8	0.209	0.196	1.0E-03	AT4G19510	-1.6	3.4E-02
5 d.p.i. <i>Pst</i>	CHH	4	10649118	10649151	6	-0.290	0.143	9.4E-03	AT4G19520	-1.8	8.7E-03
5 d.p.i. <i>Pst</i>	CHH	4	10771299	10771341	4	-0.286	0.070	9.9E-03	AT4G19829	-Inf	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	10898121	10898187	8	-0.206	0.100	1.2E-04	AT4G20170	-0.1	7.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	10960575	10960589	4	0.227	0.124	6.5E-03	AT4G20310	0.8	5.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	11000513	11000521	4	-0.248	0.148	3.5E-03	AT4G20370	1.5	1.0E+00

5 d.p.i. <i>Pst</i>	CHH	4	11192990	11192997	4	-0.417	0.070	4.4E-04	AT4G20910	1.0	4.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	11193415	11193430	4	0.225	0.077	8.5E-03	AT4G20910	1.0	4.8E-01
5 d.p.i. <i>Pst</i>	CHH	4	11216528	11216533	4	-0.234	0.131	2.9E-03	AT4G20980	0.6	7.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	11230937	11230949	6	0.216	0.068	5.2E-03	AT4G21030	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	11360887	11360904	4	-0.354	0.019	5.9E-04	AT4G21350	-0.8	5.6E-01
5 d.p.i. <i>Pst</i>	CHH	4	11823721	11823755	4	0.342	0.143	3.0E-03	AT4G22420	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	11838481	11838491	4	0.329	0.120	2.3E-03	AT4G22460	-Inf	5.5E-02
5 d.p.i. <i>Pst</i>	CHH	4	11963681	11963713	4	0.209	0.159	8.8E-03	AT4G22770	-1.3	5.2E-01
5 d.p.i. <i>Pst</i>	CHH	4	12115610	12115647	6	-0.162	0.110	2.3E-03	AT4G23120	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	12303011	12303018	4	-0.249	0.120	7.7E-03	AT4G23580	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	12570058	12570067	4	0.283	0.106	3.6E-03	AT4G24231	1.2	5.4E-01
5 d.p.i. <i>Pst</i>	CHH	4	12844301	12844306	6	0.316	0.074	6.6E-04	AT4G24975	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	13248571	13248592	8	0.260	0.075	1.6E-04	AT4G26140	1.7	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	13331204	13331219	4	-0.298	0.166	4.8E-03	AT4G26350	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	13418414	13418484	4	0.272	0.165	6.6E-03	AT4G26600	1.7	2.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	13537667	13537677	4	0.259	0.069	7.2E-03	AT4G26965	-0.7	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	4	13580479	13580608	6	0.196	0.067	5.5E-03	AT4G27050	-0.2	9.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	13624508	13624524	4	0.236	0.159	7.7E-03	AT4G27190	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	14122249	14122262	4	-0.256	0.135	8.7E-03	AT4G28580	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	14390792	14390801	4	0.313	0.151	7.6E-03	AT4G29190	2.2	3.7E-03
5 d.p.i. <i>Pst</i>	CHH	4	14434132	14434146	4	-0.294	0.073	3.0E-03	AT4G29300	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	14546534	14546541	4	-0.287	0.069	6.4E-03	AT4G29710	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	14813895	14813904	4	0.419	0.035	3.4E-04	AT4G30250	4.5	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	4	14887323	14887358	4	-0.299	0.139	3.9E-03	AT4G30450	0.1	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	15816368	15816395	6	0.128	0.102	8.8E-03	AT4G32800	2.4	9.2E-03
5 d.p.i. <i>Pst</i>	CHH	4	16705575	16705605	4	0.304	0.102	3.5E-03	AT4G35090	-0.8	2.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	16831613	16831638	4	-0.242	0.126	2.3E-03	AT4G35410	0.7	6.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	16864353	16864362	4	0.219	0.127	5.7E-03	AT4G35519	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	16920953	16920968	6	-0.200	0.139	5.8E-03	AT4G35690	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	17022251	17022288	12	-0.296	0.101	3.2E-03	AT4G35940	-1.0	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	17022289	17022297	4	-0.320	0.019	1.4E-05	AT4G35940	-1.0	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	17022300	17022332	16	-0.296	0.082	6.8E-05	AT4G35940	-1.0	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	4	17213984	17213998	6	-0.218	0.123	1.1E-03	AT4G36460	Inf	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	17624928	17624943	6	0.299	0.093	1.3E-03	AT4G37500	nd	nd
5 d.p.i. <i>Pst</i>	CHH	4	17654942	17654958	6	0.227	0.110	3.3E-03	AT4G37580	0.8	5.7E-01
5 d.p.i. <i>Pst</i>	CHH	4	18201959	18202116	14	-0.214	0.099	6.2E-03	AT4G39060	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	4	18232960	18232966	4	0.293	0.035	1.7E-05	AT4G39140	-1.4	1.1E-01
5 d.p.i. <i>Pst</i>	CHH	4	18411848	18411862	4	0.265	0.066	8.8E-03	AT4G39670	-2.9	6.5E-05
5 d.p.i. <i>Pst</i>	CHH	4	18426211	18426225	4	0.272	0.199	4.4E-03	AT4G39700	Inf	6.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	68857	68879	6	0.315	0.070	8.2E-03	AT5G01190	Inf	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	250233	250244	6	-0.292	0.154	6.2E-03	AT5G01670	-1.0	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	251095	251103	4	0.288	0.083	3.3E-03	AT5G01670	-1.0	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	350169	350189	6	-0.178	0.149	6.0E-03	AT5G01900	-4.1	7.6E-07
5 d.p.i. <i>Pst</i>	CHH	5	355712	355725	4	-0.322	0.097	5.9E-03	AT5G01910	Inf	2.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	503267	503307	8	-0.180	0.091	6.5E-03	AT5G02370	-0.5	7.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	745148	745161	6	-0.155	0.118	1.9E-03	AT5G03150	2.0	1.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	1026735	1026769	10	0.222	0.100	5.8E-03	AT5G03840	-1.1	6.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	1897772	1897872	4	0.345	0.098	2.4E-03	AT5G06250	Inf	3.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	1979621	1979638	4	0.255	0.072	6.1E-03	AT5G06490	nd	nd

5 d.p.i. <i>Pst</i>	CHH	5	2071708	2071748	10	0.212	0.078	9.2E-03	AT5G06710	1.6	2.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	2348213	2348252	6	-0.242	0.151	5.9E-03	AT5G07420	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	2579622	2579640	4	-0.403	0.126	4.8E-03	AT5G08055	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	2860551	2860575	8	-0.244	0.137	3.1E-03	AT5G08790	-1.4	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	3079455	3079472	6	0.274	0.085	3.9E-03	AT5G09876	-1.3	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	3114650	3114677	6	-0.213	0.132	1.6E-03	AT5G09970	-0.5	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	3114884	3114914	6	-0.265	0.078	4.3E-04	AT5G09970	-0.5	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	3116592	3116655	4	-0.287	0.091	1.1E-03	AT5G09976	Inf	3.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	3373155	3373189	12	0.205	0.102	9.2E-03	AT5G10680	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	3549978	3550003	4	-0.237	0.152	1.4E-03	AT5G11160	2.2	2.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	3909437	3909446	4	0.429	0.171	7.5E-03	AT5G12090	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	4165656	4165725	16	-0.183	0.116	8.6E-03	AT5G13120	1.5	1.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	4314096	4314148	8	-0.180	0.082	7.1E-03	AT5G13460	3.0	7.3E-03
5 d.p.i. <i>Pst</i>	CHH	5	4508231	4508287	12	-0.226	0.100	8.0E-03	AT5G13980	0.6	5.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	4508365	4508442	26	-0.224	0.112	8.0E-03	AT5G13980	0.6	5.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	4561230	4561236	4	0.366	0.088	6.9E-05	AT5G14140	0.2	9.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	4970311	4970324	4	0.150	0.122	5.2E-03	AT5G15300	-0.2	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	5128599	5128648	6	0.250	0.094	4.2E-03	AT5G15725	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	5128762	5128785	4	-0.370	0.071	4.7E-03	AT5G15725	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	5155931	5155938	4	-0.263	0.106	8.2E-03	AT5G15802	-0.2	9.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	5513195	5513215	4	0.319	0.094	5.5E-03	AT5G16770	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	5646467	5646484	4	0.300	0.107	1.0E-02	AT5G17165	1.8	5.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	5969131	5969164	10	-0.196	0.129	5.2E-03	AT5G18030	4.6	1.7E-02
5 d.p.i. <i>Pst</i>	CHH	5	5969180	5969191	6	0.223	0.112	2.4E-03	AT5G18030	4.6	1.7E-02
5 d.p.i. <i>Pst</i>	CHH	5	5976894	5976903	4	0.358	0.054	2.6E-03	AT5G18060	4.9	3.8E-02
5 d.p.i. <i>Pst</i>	CHH	5	6407578	6407604	8	0.176	0.122	2.9E-03	AT5G19100	Inf	1.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	6420270	6420326	6	0.178	0.123	6.0E-03	AT5G19130	0.2	8.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	6869320	6869330	4	-0.278	0.101	3.3E-03	AT5G20320	-0.5	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	6869400	6869405	4	0.321	0.052	6.4E-04	AT5G20320	-0.5	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	7038304	7038314	4	0.449	0.049	8.8E-03	AT5G20790	-4.4	6.2E-09
5 d.p.i. <i>Pst</i>	CHH	5	7038709	7038731	4	0.372	0.157	4.6E-03	AT5G20790	-4.4	6.2E-09
5 d.p.i. <i>Pst</i>	CHH	5	7039062	7039087	10	0.212	0.129	2.6E-03	AT5G20790	-4.4	6.2E-09
5 d.p.i. <i>Pst</i>	CHH	5	7041274	7041284	4	0.280	0.171	3.3E-03	AT5G20790	-4.4	6.2E-09
5 d.p.i. <i>Pst</i>	CHH	5	7056459	7056500	10	-0.159	0.113	8.2E-03	AT5G20830	-1.5	1.4E-02
5 d.p.i. <i>Pst</i>	CHH	5	7056603	7056671	6	0.251	0.127	9.5E-03	AT5G20830	-1.5	1.4E-02
5 d.p.i. <i>Pst</i>	CHH	5	7070193	7070215	4	-0.228	0.087	6.5E-03	AT5G20840	0.2	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	7216444	7216478	4	-0.232	0.206	3.8E-03	AT5G21274	-0.2	8.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	7261116	7261152	14	-0.298	0.119	5.4E-03	AT5G21970	-0.5	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	7272773	7272780	4	-0.306	0.029	1.5E-04	AT5G21990	-1.0	3.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	7276823	7276836	4	0.318	0.094	6.8E-04	AT5G22000	-1.4	1.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	7414085	7414107	4	0.347	0.078	2.3E-03	AT5G22380	-2.2	5.4E-03
5 d.p.i. <i>Pst</i>	CHH	5	7416010	7416019	4	0.175	0.105	1.0E-02	AT5G22390	2.0	5.7E-02
5 d.p.i. <i>Pst</i>	CHH	5	7417722	7417736	4	-0.373	0.089	2.9E-03	AT5G22390	2.0	5.7E-02
5 d.p.i. <i>Pst</i>	CHH	5	7467378	7467422	6	-0.178	0.152	4.8E-03	AT5G22500	3.6	5.5E-05
5 d.p.i. <i>Pst</i>	CHH	5	7507289	7507342	4	0.271	0.178	8.8E-03	AT5G22600	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	7700638	7700658	4	-0.246	0.161	4.4E-03	AT5G23010	-0.2	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	7701107	7701129	8	-0.195	0.106	1.7E-03	AT5G23010	-0.2	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	7777284	7777301	8	-0.118	0.124	7.4E-03	AT5G23120	1.1	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	7824748	7824758	6	0.206	0.064	3.4E-03	AT5G23230	-1.0	6.3E-01

5 d.p.i. <i>Pst</i>	CHH	5	7892965	7892978	4	0.222	0.140	3.5E-03	AT5G23420	0.9	6.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	8160804	8160858	4	-0.311	0.182	1.2E-03	AT5G24120	-1.6	1.0E-02
5 d.p.i. <i>Pst</i>	CHH	5	8215237	8215307	10	0.212	0.111	8.4E-03	AT5G24210	-0.9	4.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	8221139	8221149	6	-0.406	0.097	1.1E-03	AT5G24210	-0.9	4.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	8272881	8272900	8	0.257	0.135	3.4E-03	AT5G24310	0.0	9.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	8313108	8313120	6	0.260	0.093	5.0E-03	AT5G24352	0.2	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	8362475	8362513	8	0.174	0.075	6.2E-03	AT5G24480	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	8400602	8400628	6	-0.332	0.183	8.7E-03	AT5G24560	-Inf	1.0E-04
5 d.p.i. <i>Pst</i>	CHH	5	8404541	8404557	4	0.200	0.120	7.0E-03	AT5G24570	-0.6	8.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	8421159	8421174	4	-0.217	0.102	7.6E-03	AT5G24593	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	8511087	8511100	6	-0.171	0.109	6.9E-03	AT5G24790	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	8549633	8549649	4	0.267	0.115	5.5E-03	AT5G24870	-2.7	1.3E-05
5 d.p.i. <i>Pst</i>	CHH	5	8566009	8566016	4	-0.284	0.128	3.4E-03	AT5G24900	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	8589064	8589074	4	-0.283	0.127	1.9E-03	AT5G24930	0.3	9.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	8617846	8617885	8	-0.206	0.092	2.0E-03	AT5G25020	Inf	7.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	8675653	8675665	4	-0.329	0.015	1.7E-06	AT5G25150	-0.3	8.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	8722301	8722313	4	0.222	0.079	9.8E-03	AT5G25210	1.5	8.2E-02
5 d.p.i. <i>Pst</i>	CHH	5	8723688	8723716	8	-0.185	0.077	5.9E-03	AT5G25210	1.5	8.2E-02
5 d.p.i. <i>Pst</i>	CHH	5	8839995	8839999	4	0.413	0.077	1.2E-04	AT5G25420	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9008382	9008457	6	0.261	0.092	4.2E-03	AT5G25830	2.0	3.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	9049772	9049792	6	-0.386	0.177	3.7E-03	AT5G25930	-1.2	2.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	9049805	9049821	6	-0.287	0.200	4.2E-04	AT5G25930	-1.2	2.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	9069386	9069394	4	-0.340	0.020	1.1E-04	AT5G25970	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9115213	9115229	4	-0.267	0.049	5.9E-04	AT5G26090	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9168013	9168024	4	0.366	0.053	7.6E-03	AT5G26220	2.8	8.0E-02
5 d.p.i. <i>Pst</i>	CHH	5	9275071	9275111	4	-0.375	0.285	8.5E-03	AT5G26667	0.8	4.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	9345100	9345164	4	0.195	0.090	7.6E-03	AT5G26650	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9372480	9372500	6	0.279	0.095	3.2E-03	AT5G26610	-0.5	5.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	9402817	9402829	4	-0.314	0.117	6.4E-04	AT5G26751	-0.9	4.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	9552652	9552660	4	-0.227	0.075	8.7E-04	AT5G27150	-1.1	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	9552694	9552718	8	-0.209	0.115	1.3E-04	AT5G27150	-1.1	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	9562475	9562520	6	0.171	0.104	8.9E-03	AT5G27170	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9563772	9563787	4	-0.316	0.072	5.1E-03	AT5G27170	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9592170	9592173	4	-0.310	0.077	5.5E-04	AT5G27238	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9664624	9664634	4	0.256	0.160	4.9E-03	AT5G27370	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9708759	9708780	4	-0.355	0.232	8.5E-03	AT5G27495	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9719112	9719127	6	0.237	0.108	9.1E-05	AT5G27530	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9719149	9719183	6	0.211	0.128	5.1E-03	AT5G27530	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9741837	9741844	4	-0.276	0.070	1.2E-04	AT5G27600	-2.4	5.0E-04
5 d.p.i. <i>Pst</i>	CHH	5	9763069	9763076	4	-0.269	0.086	5.3E-03	AT5G27610	-1.8	2.3E-02
5 d.p.i. <i>Pst</i>	CHH	5	9811326	9811351	6	-0.236	0.116	4.3E-03	AT5G27710	-0.4	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	9854673	9854692	4	0.287	0.101	3.1E-03	AT5G27810	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	9978613	9978692	4	-0.222	0.092	8.9E-03	AT5G27944	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	9983008	9983026	6	0.206	0.087	9.5E-03	AT5G27950	-1.4	1.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	9988159	9988183	6	-0.190	0.115	8.5E-03	AT5G27950	-1.4	1.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	10025696	10025703	4	0.313	0.073	5.3E-03	AT5G28010	-0.5	8.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	10354126	10354176	8	0.189	0.141	1.2E-03	AT5G28410	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	10356379	10356392	4	-0.276	0.063	1.0E-03	AT5G28410	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	10370494	10370585	8	0.169	0.147	1.0E-03	AT5G28440	-0.7	7.7E-01

5 d.p.i. <i>Pst</i>	CHH	5	10394274	10394309	4	-0.285	0.102	1.3E-03	AT5G28465	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	10476122	10476150	10	-0.123	0.101	5.2E-03	AT5G28500	1.8	7.2E-02
5 d.p.i. <i>Pst</i>	CHH	5	10527745	10527750	4	-0.243	0.085	5.6E-04	AT5G28530	0.3	9.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	10546807	10546818	6	0.227	0.125	8.0E-03	AT5G28540	1.3	4.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	10583615	10583634	4	0.226	0.083	2.6E-03	AT5G28590	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	10636927	10636932	4	0.261	0.057	6.5E-03	AT5G28630	3.4	3.0E-05
5 d.p.i. <i>Pst</i>	CHH	5	10718083	10718093	4	0.313	0.101	9.9E-03	AT5G28680	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	10773023	10773027	4	0.406	0.065	1.7E-05	AT5G28720	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	10773849	10773863	6	0.186	0.092	8.9E-03	AT5G28720	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	10844438	10844443	4	-0.365	0.116	7.5E-03	AT5G28823	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	10956803	10956905	8	0.216	0.105	8.6E-03	AT5G28931	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	11000515	11000524	4	0.339	0.138	8.4E-04	AT5G28960	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	11026049	11026093	12	-0.162	0.112	1.5E-03	AT5G29000	-1.7	1.4E-02
5 d.p.i. <i>Pst</i>	CHH	5	11027209	11027290	4	0.283	0.147	4.6E-03	AT5G29000	-1.7	1.4E-02
5 d.p.i. <i>Pst</i>	CHH	5	11105137	11105163	4	0.244	0.151	1.4E-03	AT5G29044	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	11107589	11107605	4	0.340	0.037	6.5E-03	AT5G29044	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	11303073	11303124	4	0.228	0.174	7.4E-03	AT5G29807	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	11640263	11640268	4	-0.315	0.109	4.9E-04	AT5G30520	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	12260158	12260192	4	-0.242	0.214	4.5E-03	AT5G32613	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	12277201	12277250	6	0.156	0.145	7.7E-03	AT5G32619	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	12461446	12461464	4	0.228	0.104	8.5E-03	AT5G33210	-Inf	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	12569763	12569794	8	-0.283	0.156	5.1E-03	AT5G33300	1.4	8.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	12586282	12586296	6	0.290	0.070	8.6E-05	AT5G33320	0.9	3.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	12661265	12661270	4	-0.243	0.130	8.4E-03	AT5G33390	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	12704025	12704057	8	-0.175	0.111	3.8E-03	AT5G33421	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	12704550	12704597	6	0.158	0.108	3.3E-03	AT5G33421	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	12788407	12788427	4	0.318	0.209	9.7E-03	AT5G33898	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	12922544	12922604	4	-0.196	0.131	9.2E-03	AT5G34581	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13091022	13091052	4	0.199	0.125	4.2E-03	AT5G34828	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13097110	13097123	4	0.217	0.087	8.4E-03	AT5G34828	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13195726	13195851	8	0.286	0.104	3.9E-03	AT5G34882	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13205178	13205264	10	-0.266	0.117	3.2E-03	AT5G34887	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13231670	13231690	4	0.214	0.074	5.6E-03	AT5G34930	-1.6	6.5E-02
5 d.p.i. <i>Pst</i>	CHH	5	13333553	13333666	16	0.189	0.136	7.6E-03	AT5G35066	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13410803	13410807	4	0.374	0.126	3.7E-03	AT5G35160	0.0	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	13417360	13417375	8	-0.233	0.090	5.3E-04	AT5G35170	0.9	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	13418237	13418301	8	0.201	0.105	1.6E-03	AT5G35170	0.9	4.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	13433513	13433518	4	0.380	0.024	7.9E-05	AT5G35190	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13496613	13496665	4	0.181	0.158	4.4E-03	AT5G35230	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13513833	13513843	4	0.258	0.150	3.3E-03	AT5G35290	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13550644	13550655	8	0.289	0.152	8.2E-04	AT5G35338	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13602679	13602686	4	-0.222	0.070	2.8E-03	AT5G35400	0.7	6.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	13606656	13606685	10	-0.234	0.113	2.6E-03	AT5G35405	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13606687	13606713	4	-0.246	0.111	1.6E-03	AT5G35405	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	13629621	13629624	4	-0.378	0.034	1.0E-03	AT5G35410	-1.1	2.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	13828795	13828820	6	0.222	0.094	2.9E-03	AT5G35630	0.8	5.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	13829264	13829269	4	-0.250	0.100	1.2E-03	AT5G35630	0.8	5.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	13859263	13859269	4	-0.271	0.107	2.3E-03	AT5G35680	0.5	7.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	13883867	13883889	4	-0.218	0.081	5.1E-03	AT5G35715	nd	nd

5 d.p.i. <i>Pst</i>	CHH	5	13997174	13997217	4	0.207	0.147	9.4E-03	AT5G35810	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	14022630	14022639	6	-0.221	0.145	2.6E-03	AT5G35870	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	14039790	14039808	4	0.326	0.068	8.8E-03	AT5G35910	0.5	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	14076016	14076106	12	0.258	0.104	2.7E-03	AT5G35930	0.1	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	14143672	14143694	4	-0.218	0.097	6.1E-03	AT5G36001	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	14208082	14208139	6	-0.155	0.110	7.8E-03	AT5G36130	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	14211603	14211612	4	-0.364	0.023	2.3E-03	AT5G36140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	14266397	14266423	6	-0.245	0.083	9.0E-05	AT5G36228	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	14290536	14290560	4	0.421	0.105	8.5E-04	AT5G36260	1.1	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	14298876	14298904	8	-0.163	0.080	2.3E-03	AT5G36280	Inf	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	14560802	14560832	4	0.257	0.131	4.9E-03	AT5G36910	6.8	2.6E-03
5 d.p.i. <i>Pst</i>	CHH	5	14610522	14610534	6	0.172	0.131	9.5E-03	AT5G36980	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	14694074	14694086	6	0.190	0.089	7.0E-03	AT5G37140	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	14770972	14770977	4	0.282	0.054	2.7E-05	AT5G37300	Inf	1.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	14830099	14830178	20	-0.323	0.153	5.9E-03	AT5G37400	1.4	5.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	14847591	14847600	4	-0.278	0.085	2.3E-03	AT5G37440	0.0	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	14850535	14850548	8	-0.181	0.115	4.2E-03	AT5G37440	0.0	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	14878537	14878582	6	-0.212	0.084	1.7E-03	AT5G37474	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	14926646	14926651	4	0.235	0.075	9.1E-03	AT5G37570	0.2	9.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	14984985	14985012	6	0.172	0.131	5.6E-03	AT5G37720	-0.7	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	15012339	15012345	4	-0.238	0.092	1.0E-03	AT5G37790	2.3	7.9E-02
5 d.p.i. <i>Pst</i>	CHH	5	15013377	15013440	4	-0.226	0.168	1.9E-03	AT5G37790	2.3	7.9E-02
5 d.p.i. <i>Pst</i>	CHH	5	15048365	15048397	8	-0.226	0.092	4.4E-03	AT5G37820	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15075161	15075167	4	-0.229	0.136	4.3E-03	AT5G37870	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15101624	15101641	4	0.286	0.206	2.2E-03	AT5G37920	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15114423	15114448	6	0.291	0.052	6.0E-03	AT5G37950	Inf	3.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	15154971	15154980	4	-0.220	0.072	1.4E-03	AT5G38010	5.0	1.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	15184538	15184550	6	0.221	0.129	8.6E-03	AT5G38040	-0.5	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	15196756	15196762	4	0.492	0.072	2.9E-05	AT5G38090	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15207005	15207108	8	-0.212	0.091	6.2E-03	AT5G38110	0.8	6.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	15207142	15207175	10	-0.181	0.126	5.1E-03	AT5G38110	0.8	6.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	15229440	15229486	4	0.250	0.079	9.7E-03	AT5G38180	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15243895	15243918	4	0.249	0.147	3.0E-03	AT5G38195	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15259264	15259267	4	0.359	0.054	7.0E-04	AT5G38210	-0.5	7.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	15267933	15267969	6	0.278	0.120	3.4E-03	AT5G38220	0.4	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	15308283	15308295	4	-0.238	0.084	6.5E-03	AT5G38300	3.6	2.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	15350205	15350220	4	0.242	0.174	2.3E-03	AT5G38380	-0.5	7.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	15432600	15432617	4	-0.196	0.091	7.9E-04	AT5G38550	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15497722	15497730	4	0.334	0.045	1.0E-03	AT5G38710	-4.0	1.8E-12
5 d.p.i. <i>Pst</i>	CHH	5	15535243	15535263	6	0.231	0.077	5.3E-04	AT5G38790	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15550908	15550917	4	0.211	0.091	2.4E-03	AT5G38840	0.4	9.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	15576674	15576698	4	-0.255	0.061	3.6E-04	AT5G38900	-4.3	4.0E-13
5 d.p.i. <i>Pst</i>	CHH	5	15660149	15660161	6	-0.175	0.084	6.7E-03	AT5G39110	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15779615	15779625	4	0.442	0.109	4.4E-04	AT5G39430	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15791351	15791367	4	0.186	0.141	6.6E-03	AT5G39460	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15800540	15800549	4	0.329	0.085	8.2E-04	AT5G39480	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15812317	15812355	6	0.199	0.149	8.9E-03	AT5G39493	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	15887055	15887109	8	-0.210	0.095	7.9E-03	AT5G39680	-0.3	9.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	15952055	15952066	4	-0.310	0.042	2.6E-03	AT5G39850	0.6	6.7E-01

5 d.p.i. <i>Pst</i>	CHH	5	16178435	16178445	6	-0.210	0.116	9.5E-03	AT5G40430	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	16359242	16359267	4	-0.287	0.098	2.3E-03	AT5G40830	2.9	7.1E-03
5 d.p.i. <i>Pst</i>	CHH	5	16373297	16373315	4	-0.354	0.008	3.1E-08	AT5G40870	2.2	1.4E-02
5 d.p.i. <i>Pst</i>	CHH	5	16480896	16480935	8	0.158	0.122	1.3E-03	AT5G41170	-0.7	6.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	16560535	16560581	8	-0.198	0.054	8.8E-03	AT5G41380	Inf	7.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	16599755	16599770	4	-0.199	0.094	6.1E-03	AT5G41490	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	16604336	16604358	8	0.157	0.100	9.9E-03	AT5G41500	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	16607755	16607761	4	-0.238	0.060	6.0E-03	AT5G41510	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	16642208	16642224	4	-0.328	0.064	6.4E-04	AT5G41610	-5.6	5.8E-14
5 d.p.i. <i>Pst</i>	CHH	5	16681475	16681569	28	-0.184	0.079	2.4E-03	AT5G41720	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	16682153	16682173	6	-0.273	0.185	4.1E-03	AT5G41720	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	16721310	16721326	6	-0.273	0.133	2.3E-03	AT5G41774	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	16863242	16863257	8	-0.212	0.185	3.3E-03	AT5G42203	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	16871338	16871367	6	-0.184	0.163	7.8E-03	AT5G42220	-0.4	7.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	16970890	16970906	6	-0.214	0.072	1.0E-03	AT5G42430	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17006640	17006664	4	-0.219	0.150	7.0E-03	AT5G42540	-0.1	8.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	17018153	17018204	12	-0.244	0.104	1.5E-03	AT5G42567	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17020004	17020013	4	0.220	0.085	2.5E-03	AT5G42567	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17020045	17020091	6	-0.124	0.095	9.0E-03	AT5G42567	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17020303	17020314	4	-0.284	0.028	5.4E-03	AT5G42567	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17030287	17030298	4	0.378	0.061	3.5E-04	AT5G42590	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17037747	17037761	6	-0.222	0.095	8.8E-03	AT5G42591	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17059029	17059046	4	0.242	0.137	8.6E-03	AT5G42610	3.2	6.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	17086810	17086834	6	0.318	0.052	9.9E-04	AT5G42640	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17267372	17267395	8	-0.198	0.150	6.3E-04	AT5G43050	0.9	5.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	17359823	17359866	8	0.153	0.095	1.2E-03	AT5G43260	-1.5	6.6E-02
5 d.p.i. <i>Pst</i>	CHH	5	17365041	17365046	4	-0.245	0.068	7.3E-03	AT5G43270	-0.6	5.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	17397997	17398010	4	0.304	0.081	3.2E-03	AT5G43340	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17405498	17405510	6	-0.389	0.154	1.1E-03	AT5G43350	-Inf	2.8E-10
5 d.p.i. <i>Pst</i>	CHH	5	17597449	17597463	4	0.376	0.030	5.5E-03	AT5G43790	0.7	6.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	17726844	17726853	4	0.416	0.174	6.8E-04	AT5G44060	0.3	6.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	17726915	17726955	6	0.318	0.201	7.9E-03	AT5G44060	0.3	6.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	17742345	17742379	6	0.262	0.128	1.8E-03	AT5G44080	-0.1	9.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	17795468	17795518	4	-0.246	0.126	5.4E-03	AT5G44190	0.9	3.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	17833565	17833573	4	-0.256	0.130	9.5E-03	AT5G44270	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17833574	17833604	14	-0.183	0.103	2.2E-03	AT5G44270	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	17852499	17852530	8	0.206	0.088	9.2E-03	AT5G44316	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	17852634	17852640	4	-0.292	0.086	3.3E-03	AT5G44316	Inf	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	17893705	17893713	4	0.440	0.121	8.0E-03	AT5G44410	1.8	1.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	17955571	17955576	4	-0.391	0.075	2.0E-06	AT5G44565	-2.3	1.4E-03
5 d.p.i. <i>Pst</i>	CHH	5	17970386	17970413	10	-0.177	0.088	3.5E-03	AT5G44574	-2.1	1.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	18144120	18144139	4	0.267	0.084	8.3E-03	AT5G44930	-0.2	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	18444394	18444409	4	0.216	0.095	9.2E-03	AT5G45510	-0.3	8.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	18554357	18554399	6	-0.359	0.123	1.6E-04	AT5G45730	1.1	7.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	18627029	18627045	4	0.431	0.088	2.3E-03	AT5G45930	2.3	8.2E-03
5 d.p.i. <i>Pst</i>	CHH	5	18642044	18642062	4	0.313	0.035	2.0E-03	AT5G45970	Inf	3.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	18669758	18669768	4	0.380	0.045	4.1E-05	AT5G46030	0.0	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	18726940	18726986	8	0.145	0.106	8.3E-03	AT5G46190	-0.7	4.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	18980163	18980178	4	-0.216	0.132	5.9E-03	AT5G46780	-1.7	3.4E-02

5 d.p.i. <i>Pst</i>	CHH	5	18981468	18981482	4	-0.323	0.103	6.7E-04	AT5G46780	-1.7	3.4E-02
5 d.p.i. <i>Pst</i>	CHH	5	19014690	19014703	4	0.356	0.047	4.0E-03	AT5G46870	0.2	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	19026590	19026593	4	0.317	0.029	5.9E-04	AT5G46877	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	19081191	19081202	4	-0.238	0.257	5.2E-03	AT5G47020	0.1	9.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	19114793	19114817	6	0.221	0.081	7.7E-04	AT5G47060	-0.5	7.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	19192532	19192595	8	-0.160	0.134	7.3E-03	AT5G47280	Inf	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	19194944	19194956	4	0.212	0.155	8.8E-03	AT5G47280	Inf	4.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	19391431	19391469	12	-0.181	0.154	1.0E-02	AT5G47900	1.0	3.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	19607595	19607605	4	0.282	0.059	2.7E-03	AT5G48380	-0.7	7.0E-01
5 d.p.i. <i>Pst</i>	CHH	5	19671373	19671382	4	0.283	0.134	6.0E-03	AT5G48540	-0.9	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	19672501	19672514	6	-0.198	0.069	1.4E-03	AT5G48543	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	19821461	19821466	4	0.308	0.098	3.8E-04	AT5G48890	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	19830130	19830154	4	-0.264	0.085	1.9E-03	AT5G48905	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	20076539	20076577	6	-0.210	0.119	7.4E-03	AT5G49490	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	20526795	20526811	4	0.310	0.109	2.3E-03	AT5G50400	-0.8	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	20677063	20677074	4	0.198	0.125	9.4E-03	AT5G50810	1.1	3.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	20680442	20680463	6	0.343	0.110	2.3E-03	AT5G50820	2.2	3.4E-01
5 d.p.i. <i>Pst</i>	CHH	5	20698936	20698953	4	0.311	0.084	2.3E-03	AT5G50860	0.4	7.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	20978927	20978942	4	0.381	0.083	3.8E-04	AT5G51650	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	21161777	21161794	8	-0.153	0.111	8.7E-03	AT5G52070	-0.8	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	21162682	21162689	4	0.299	0.131	2.7E-03	AT5G52070	-0.8	3.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	21469096	21469141	6	0.166	0.155	4.8E-03	AT5G52930	Inf	7.5E-02
5 d.p.i. <i>Pst</i>	CHH	5	21776970	21777006	6	-0.189	0.074	9.6E-03	AT5G53600	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	21821146	21821156	4	0.205	0.145	1.0E-02	AT5G53760	-0.3	7.1E-01
5 d.p.i. <i>Pst</i>	CHH	5	21931546	21931563	8	-0.279	0.159	8.9E-03	AT5G54040	-Inf	1.3E-05
5 d.p.i. <i>Pst</i>	CHH	5	21942405	21942421	4	0.250	0.049	7.5E-04	AT5G54067	0.0	1.0E+00
5 d.p.i. <i>Pst</i>	CHH	5	22491893	22491912	4	0.244	0.129	7.9E-03	AT5G55520	2.0	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	22514284	22514290	4	-0.347	0.040	2.9E-03	AT5G55565	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	22534904	22534911	6	0.148	0.108	5.7E-03	AT5G55640	-0.6	5.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	22841070	22841085	6	-0.391	0.138	6.0E-05	AT5G56380	-1.1	2.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	23037418	23037433	4	-0.293	0.105	3.3E-03	AT5G56960	0.4	5.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	23037447	23037459	4	-0.284	0.184	8.8E-03	AT5G56960	0.4	5.3E-01
5 d.p.i. <i>Pst</i>	CHH	5	23432848	23432879	6	0.115	0.103	8.3E-03	AT5G57840	-0.2	9.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	23775228	23775238	4	0.375	0.084	9.0E-05	AT5G58880	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	23775633	23775645	6	-0.187	0.102	1.1E-03	AT5G58880	nd	nd
5 d.p.i. <i>Pst</i>	CHH	5	24314457	24314482	4	0.214	0.148	9.2E-03	AT5G60450	0.1	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	24475417	24475430	4	0.304	0.032	8.8E-05	AT5G60840	0.9	2.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	24476152	24476169	4	-0.188	0.111	5.5E-03	AT5G60840	0.9	2.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	25469815	25469896	10	0.183	0.137	4.2E-04	AT5G63620	-1.0	4.5E-01
5 d.p.i. <i>Pst</i>	CHH	5	25668429	25668454	10	0.149	0.101	2.6E-03	AT5G64140	0.8	5.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	25904969	25905020	8	0.233	0.118	6.6E-03	AT5G64800	0.5	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	25905021	25905036	6	0.217	0.083	6.5E-03	AT5G64800	0.5	8.6E-01
5 d.p.i. <i>Pst</i>	CHH	5	25924625	25924628	4	-0.285	0.141	5.7E-03	AT5G64850	-0.5	5.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	26209679	26209700	8	0.184	0.114	6.1E-03	AT5G65580	-1.5	8.2E-01
5 d.p.i. <i>Pst</i>	CHH	5	26258346	26258353	4	-0.300	0.109	7.4E-03	AT5G65683	0.1	9.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	26290808	26290830	4	-0.243	0.129	1.8E-03	AT5G65710	1.1	4.7E-01
5 d.p.i. <i>Pst</i>	CHH	5	26464969	26464977	4	-0.223	0.116	8.8E-03	AT5G66240	-0.7	4.9E-01
5 d.p.i. <i>Pst</i>	CHH	5	26537325	26537352	4	0.288	0.123	2.3E-03	AT5G66450	0.0	9.8E-01
5 d.p.i. <i>Pst</i>	CHH	5	26670384	26670483	8	0.340	0.130	1.4E-05	AT5G66800	Inf	1.2E-02

5 d.p.i. <i>Pst</i>	CHH	5	26788562	26788573	4	0.311	0.052	3.7E-03	AT5G67120	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	1	526896	526905	4	-0.200	0.090	4.9E-03	AT1G02520	-2.7	3.6E-03
5 d.p.i. <i>Pst(avr)</i>	CG	1	2877743	2877842	6	-0.157	0.089	5.7E-03	AT1G08940	-2.8	4.5E-07
5 d.p.i. <i>Pst(avr)</i>	CG	1	3754385	3754393	4	0.268	0.149	4.9E-03	AT1G11200	-0.2	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	4570622	4570691	12	-0.314	0.128	4.7E-03	AT1G13340	-4.0	7.3E-17
5 d.p.i. <i>Pst(avr)</i>	CG	1	4621182	4621351	12	-0.247	0.124	4.5E-03	AT1G13470	-0.7	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	4621497	4621519	4	-0.278	0.028	7.4E-03	AT1G13470	-0.7	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	4916697	4916700	4	-0.217	0.088	5.0E-03	AT1G14370	-1.1	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	5056257	5056293	6	-0.235	0.125	5.2E-03	AT1G14690	-0.5	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	5516377	5516389	4	-0.305	0.079	2.3E-03	AT1G16090	-1.4	5.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	1	5516654	5516697	4	-0.223	0.074	8.1E-03	AT1G16090	-1.4	5.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	1	5991641	5991698	8	-0.331	0.187	5.0E-03	AT1G17450	-0.7	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	7139137	7139194	4	0.288	0.182	7.1E-03	AT1G20610	0.5	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	7522507	7522542	4	0.199	0.076	1.0E-02	AT1G21480	0.8	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	9596926	9596950	4	0.167	0.148	9.6E-03	AT1G27595	-0.3	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	10013188	10013266	4	-0.441	0.221	6.6E-03	AT1G28480	-1.9	1.9E-03
5 d.p.i. <i>Pst(avr)</i>	CG	1	11644488	11644508	10	-0.142	0.092	7.1E-03	AT1G32270	-Inf	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	12223262	12223273	4	-0.258	0.179	8.8E-03	AT1G33720	0.1	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	12347021	12347045	4	-0.362	0.048	1.3E-03	AT1G33960	-3.4	2.5E-14
5 d.p.i. <i>Pst(avr)</i>	CG	1	12898804	12898808	4	0.235	0.117	9.9E-03	AT1G35210	0.5	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	13349626	13349638	4	0.165	0.110	9.5E-03	AT1G35900	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	1	13666509	13666609	4	-0.165	0.139	9.6E-03	AT1G36310	0.3	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	16045872	16045917	4	0.193	0.155	8.4E-03	AT1G42680	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	1	16360667	16360705	4	0.154	0.097	9.7E-03	AT1G43330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	1	17369010	17369022	4	-0.323	0.131	6.0E-03	AT1G47370	-2.6	5.3E-02
5 d.p.i. <i>Pst(avr)</i>	CG	1	17485199	17485217	4	0.410	0.176	2.8E-03	AT1G47580	0.9	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	17593602	17593662	4	0.328	0.077	4.4E-03	AT1G47780	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	1	18078583	18078609	4	0.203	0.103	5.9E-03	AT1G48880	0.8	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	18078716	18078769	4	0.288	0.065	5.0E-04	AT1G48880	0.8	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	19290752	19290770	4	0.217	0.085	7.3E-03	AT1G51913	-4.1	5.6E-02
5 d.p.i. <i>Pst(avr)</i>	CG	1	19351164	19351173	4	-0.280	0.085	5.1E-03	AT1G52040	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	19700407	19700512	6	-0.330	0.109	8.3E-03	AT1G52890	-3.4	1.2E-08
5 d.p.i. <i>Pst(avr)</i>	CG	1	19785848	19785883	4	0.158	0.138	4.7E-03	AT1G53090	-1.0	6.9E-02
5 d.p.i. <i>Pst(avr)</i>	CG	1	20477827	20477873	10	0.129	0.080	6.7E-03	AT1G54930	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	21229021	21229029	4	0.245	0.062	3.4E-03	AT1G56630	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	1	22640593	22640627	4	-0.560	0.085	1.1E-03	AT1G61360	0.8	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	22660782	22660796	4	0.132	0.102	6.6E-03	AT1G61415	-1.7	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	23849093	23849105	4	-0.288	0.165	6.0E-03	AT1G64260	-0.5	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	24457980	24458055	4	0.208	0.083	7.2E-03	AT1G65760	-1.8	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	24955922	24955927	4	-0.335	0.199	8.7E-03	AT1G66890	0.6	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	1	25305417	25305426	4	-0.372	0.123	3.1E-03	AT1G67520	-3.2	3.2E-07
5 d.p.i. <i>Pst(avr)</i>	CG	1	25332649	25332695	10	0.168	0.116	5.8E-03	AT1G67580	-1.4	4.7E-02
5 d.p.i. <i>Pst(avr)</i>	CG	1	28300932	28300935	4	-0.252	0.170	9.5E-03	AT1G75410	-0.7	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	146478	146487	4	0.310	0.109	4.9E-03	AT2G01280	-0.4	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	440395	440473	4	-0.236	0.129	6.7E-03	AT2G01950	0.9	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	659799	659814	4	0.194	0.165	6.8E-03	AT2G02480	1.1	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	821070	821129	8	-0.093	0.099	5.1E-03	AT2G02835	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	1010308	1010339	8	0.236	0.079	7.4E-03	AT2G03330	-0.5	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	1048343	1048349	4	-0.291	0.115	8.1E-03	AT2G03470	-0.7	3.5E-01

5 d.p.i. <i>Pst(avr)</i>	CG	2	1155922	1155984	4	0.226	0.120	4.4E-03	AT2G03800	-1.1	5.6E-02
5 d.p.i. <i>Pst(avr)</i>	CG	2	1565053	1565108	4	-0.290	0.118	8.0E-03	AT2G04495	-1.2	9.5E-02
5 d.p.i. <i>Pst(avr)</i>	CG	2	1567281	1567286	4	-0.286	0.144	5.1E-03	AT2G04500	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CG	2	1730375	1730391	4	-0.186	0.074	9.7E-03	AT2G04925	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	2263370	2263500	8	0.090	0.092	7.4E-03	AT2G05915	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CG	2	2326333	2326393	4	0.302	0.090	4.1E-03	AT2G06000	-0.1	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	2838970	2838998	4	0.123	0.103	7.3E-03	AT2G06925	2.8	2.5E-06
5 d.p.i. <i>Pst(avr)</i>	CG	2	3313948	3314024	6	0.141	0.075	5.2E-03	AT2G07687	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3314125	3314155	4	0.222	0.100	5.8E-03	AT2G07687	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3362938	3363049	14	0.089	0.081	8.0E-03	AT2G07698	-1.6	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CG	2	3367878	3367918	10	-0.154	0.099	7.4E-03	AT2G07667	-0.6	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CG	2	3376516	3376609	4	0.243	0.055	7.6E-03	AT2G07702	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3376777	3376800	4	0.312	0.090	7.4E-03	AT2G07705	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3378124	3378184	10	0.178	0.094	7.0E-03	AT2G07705	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3406414	3406484	8	0.171	0.075	5.2E-03	AT2G07713	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3411068	3411088	4	0.265	0.051	1.0E-02	AT2G07715	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	3412793	3412830	6	0.214	0.055	6.9E-03	AT2G07715	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	3440320	3440414	4	0.259	0.147	5.1E-03	AT2G07722	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3447429	3447488	6	0.339	0.030	1.2E-03	AT2G07724	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3468399	3468485	6	0.255	0.172	4.8E-03	AT2G07732	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	3490947	3490995	4	0.248	0.029	3.2E-03	AT2G07738	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3495973	3496047	4	0.273	0.016	9.7E-04	AT2G07739	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	3501480	3501496	6	0.195	0.068	5.9E-03	AT2G07835	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	4321507	4321538	4	0.140	0.144	4.7E-03	AT2G10965	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	4453727	4453816	4	-0.184	0.148	5.2E-03	AT2G11200	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	4539038	4539051	4	0.175	0.097	5.9E-03	AT2G11405	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	5712799	5712875	4	-0.171	0.064	7.1E-03	AT2G13690	1.8	1.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	2	5888841	5888883	8	0.112	0.112	7.4E-03	AT2G14000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	5979553	5979639	6	-0.254	0.135	5.2E-03	AT2G14170	-1.3	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	6481398	6481419	4	-0.229	0.139	5.9E-03	AT2G15000	0.6	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	6508389	6508466	8	-0.267	0.117	2.4E-03	AT2G15042	-0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	6687279	6687329	6	0.144	0.097	7.5E-03	AT2G15350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	6985754	6985802	6	-0.180	0.150	7.1E-03	AT2G16070	-0.6	2.5E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	7037513	7037524	4	0.182	0.115	9.5E-03	AT2G16230	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	7227835	7227849	6	-0.164	0.127	4.9E-03	AT2G16676	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	7881514	7881534	4	0.246	0.065	5.1E-03	AT2G18130	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	8097855	8097887	4	-0.328	0.122	5.1E-03	AT2G18690	-1.3	7.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	2	8098189	8098283	4	-0.272	0.030	1.3E-03	AT2G18690	-1.3	7.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	2	8622234	8622311	4	-0.302	0.124	4.6E-03	AT2G19960	-3.7	5.3E-04
5 d.p.i. <i>Pst(avr)</i>	CG	2	8622545	8622651	10	-0.411	0.122	6.0E-03	AT2G19960	-3.7	5.3E-04
5 d.p.i. <i>Pst(avr)</i>	CG	2	8908202	8908259	4	0.260	0.200	7.3E-03	AT2G20650	0.8	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	9078114	9078161	6	-0.142	0.144	7.2E-03	AT2G21185	-0.7	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	9079800	9079836	4	-0.229	0.148	9.2E-03	AT2G21190	-0.3	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	9183394	9183421	4	0.337	0.174	7.9E-03	AT2G21450	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	2	10453596	10453603	4	-0.278	0.095	9.5E-03	AT2G24600	1.2	6.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	2	11332800	11332812	4	0.164	0.066	5.3E-03	AT2G26650	-1.5	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	2	11597852	11597883	6	0.122	0.091	8.0E-03	AT2G27140	2.7	1.3E-03
5 d.p.i. <i>Pst(avr)</i>	CG	2	12214600	12214619	4	-0.255	0.095	7.3E-03	AT2G28520	0.4	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	12453997	12454019	4	0.126	0.108	9.0E-03	AT2G28990	-Inf	1.7E-01

5 d.p.i. <i>Pst(avr)</i>	CG	2	12668780	12668788	4	0.202	0.126	9.5E-03	AT2G29630	0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	12786781	12786791	4	-0.167	0.130	7.1E-03	AT2G29980	4.1	1.6E-18
5 d.p.i. <i>Pst(avr)</i>	CG	2	13866097	13866132	4	0.189	0.083	8.0E-03	AT2G32700	-0.9	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	15110350	15110373	4	-0.280	0.051	7.0E-03	AT2G35980	-3.7	4.6E-08
5 d.p.i. <i>Pst(avr)</i>	CG	2	15506702	15506711	4	0.123	0.095	7.4E-03	AT2G36910	0.5	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	16116664	16116678	6	0.167	0.097	5.9E-03	AT2G38490	-3.5	1.5E-04
5 d.p.i. <i>Pst(avr)</i>	CG	2	16955567	16955585	4	0.142	0.070	5.9E-03	AT2G40620	0.0	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	17676016	17676055	6	0.209	0.128	7.4E-03	AT2G42450	-0.4	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	2	19400160	19400173	4	-0.225	0.056	1.2E-03	AT2G47250	-0.1	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	1571339	1571342	4	0.252	0.175	5.9E-03	AT3G05440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	2118984	2118987	4	-0.193	0.036	6.7E-03	AT3G06710	-0.3	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	3201668	3201690	4	-0.294	0.220	4.2E-03	AT3G10330	0.2	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	3664353	3664419	14	0.191	0.090	8.3E-03	AT3G11591	0.9	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	3808856	3808953	6	-0.147	0.088	9.5E-03	AT3G11964	0.8	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	3897257	3897276	4	-0.210	0.093	7.4E-03	AT3G12220	-2.0	2.3E-03
5 d.p.i. <i>Pst(avr)</i>	CG	3	4252062	4252065	4	0.197	0.090	5.2E-03	AT3G13222	0.6	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	5041474	5041496	4	0.209	0.138	7.2E-03	AT3G14980	1.4	1.6E-02
5 d.p.i. <i>Pst(avr)</i>	CG	3	5249426	5249469	4	-0.397	0.072	7.2E-04	AT3G15518	-0.2	8.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	6425682	6425703	4	-0.206	0.079	5.8E-03	AT3G18670	3.2	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	7104547	7104612	6	0.215	0.113	6.6E-03	AT3G20362	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	7759436	7759439	4	-0.282	0.135	6.7E-03	AT3G22030	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	7978924	7978928	4	-0.218	0.131	9.4E-03	AT3G22530	-1.3	1.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	3	8185986	8186008	4	-0.208	0.149	9.4E-03	AT3G23040	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	10068873	10068981	6	0.173	0.088	1.2E-03	AT3G27260	-1.5	2.7E-02
5 d.p.i. <i>Pst(avr)</i>	CG	3	10462574	10462673	4	0.133	0.091	4.9E-03	AT3G28120	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	10587810	10587850	4	0.303	0.113	9.2E-03	AT3G28330	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CG	3	10686384	10686427	6	-0.294	0.113	9.4E-04	AT3G28510	-4.9	1.1E-37
5 d.p.i. <i>Pst(avr)</i>	CG	3	11613103	11613126	6	-0.152	0.075	9.9E-03	AT3G29785	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	12100053	12100115	6	0.168	0.097	7.6E-03	AT3G30460	1.6	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	12588590	12588594	4	0.214	0.093	8.2E-03	AT3G30840	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	14023136	14023143	4	-0.137	0.138	7.2E-03	AT3G33187	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	14035952	14036019	4	0.181	0.095	9.5E-03	AT3G33293	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	14319725	14319793	6	0.331	0.146	4.3E-03	AT3G42170	-0.1	8.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	15152125	15152185	6	0.133	0.069	5.1E-03	AT3G43153	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	15397128	15397183	6	0.119	0.082	5.9E-03	AT3G43490	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	15935549	15935594	4	-0.204	0.157	7.6E-03	AT3G44235	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	3	15951704	15951852	6	-0.255	0.190	7.4E-03	AT3G44260	0.8	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	17050039	17050052	4	0.138	0.095	8.5E-03	AT3G46370	1.6	3.6E-03
5 d.p.i. <i>Pst(avr)</i>	CG	3	17178452	17178463	4	-0.277	0.053	3.4E-03	AT3G46620	0.5	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	3	18733963	18734025	4	-0.332	0.058	2.4E-03	AT3G50480	-2.1	1.0E-02
5 d.p.i. <i>Pst(avr)</i>	CG	3	19681266	19681415	6	-0.102	0.116	7.4E-03	AT3G53090	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CG	4	1367134	1367232	8	-0.199	0.131	1.2E-03	AT4G03090	0.1	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	1380144	1380148	4	-0.284	0.054	4.8E-03	AT4G03110	-0.3	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	2136414	2136433	4	0.164	0.087	8.7E-03	AT4G04370	0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	2256549	2256645	10	0.086	0.110	5.2E-03	AT4G04540	-2.5	7.2E-04
5 d.p.i. <i>Pst(avr)</i>	CG	4	2531232	2531264	8	0.098	0.102	7.4E-03	AT4G04960	-2.6	3.1E-06
5 d.p.i. <i>Pst(avr)</i>	CG	4	2532128	2532155	8	-0.125	0.105	5.1E-03	AT4G04960	-2.6	3.1E-06
5 d.p.i. <i>Pst(avr)</i>	CG	4	2634126	2634151	4	0.254	0.085	5.2E-03	AT4G05120	0.7	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	2960445	2960517	4	0.184	0.043	5.8E-03	AT4G05612	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CG	4	4728155	4728158	4	0.130	0.138	9.3E-03	AT4G07932	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	5167943	5167950	4	0.201	0.092	1.4E-03	AT4G08176	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	5301376	5301443	4	0.168	0.071	7.7E-03	AT4G08370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	5371711	5371728	4	0.147	0.077	7.4E-03	AT4G08455	-0.6	5.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	5386326	5386455	8	-0.210	0.086	8.0E-03	AT4G08470	-0.7	3.4E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	5646800	5646826	4	-0.286	0.242	8.1E-03	AT4G08870	-1.1	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	5663065	5663168	6	0.119	0.067	8.5E-03	AT4G08867	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CG	4	5770438	5770443	4	0.134	0.099	7.4E-03	AT4G08990	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	6330946	6330966	4	0.310	0.084	4.5E-04	AT4G10150	3.3	1.2E-03
5 d.p.i. <i>Pst(avr)</i>	CG	4	6381114	6381178	4	0.230	0.061	1.0E-02	AT4G10290	0.5	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	6759423	6759427	4	-0.344	0.067	4.0E-03	AT4G11070	-4.3	1.1E-07
5 d.p.i. <i>Pst(avr)</i>	CG	4	7089755	7089761	4	-0.291	0.145	7.2E-03	AT4G11790	-0.2	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	7448127	7448161	4	-0.148	0.099	9.5E-03	AT4G12570	-1.5	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CG	4	7908745	7908749	4	0.189	0.138	8.5E-03	AT4G13600	Inf	2.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	4	8224466	8224486	4	0.238	0.070	4.6E-03	AT4G14280	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	8734837	8734884	4	0.148	0.135	4.9E-03	AT4G15310	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	9388142	9388154	4	-0.160	0.139	7.4E-03	AT4G16680	-4.1	7.0E-15
5 d.p.i. <i>Pst(avr)</i>	CG	4	9797394	9797487	4	-0.169	0.116	5.1E-03	AT4G17585	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	10487529	10487546	8	0.147	0.099	9.0E-03	AT4G19180	0.2	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	10540756	10540839	4	0.117	0.099	7.4E-03	AT4G19270	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	10552503	10552597	6	0.104	0.094	8.0E-03	AT4G19330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	10840078	10840091	4	0.240	0.032	7.5E-03	AT4G20006	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CG	4	11500448	11500457	4	0.189	0.086	5.4E-03	AT4G21640	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	11955433	11955441	4	0.176	0.055	8.9E-03	AT4G22756	1.4	6.9E-02
5 d.p.i. <i>Pst(avr)</i>	CG	4	12704343	12704357	4	-0.153	0.108	9.5E-03	AT4G24610	1.0	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	13104566	13104612	6	0.129	0.074	7.3E-03	AT4G25730	-0.1	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	13580515	13580540	4	0.171	0.075	5.2E-03	AT4G27050	-0.3	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	14682409	14682418	4	-0.342	0.086	4.4E-03	AT4G30030	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	4	15137206	15137256	6	0.161	0.123	9.5E-03	AT4G31130	-0.5	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	15364623	15364631	4	0.270	0.108	5.8E-03	AT4G31750	-0.2	8.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	16946117	16946192	14	-0.271	0.127	7.6E-03	AT4G35770	-2.1	5.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	4	17426300	17426337	4	-0.154	0.120	5.2E-03	AT4G36960	-0.2	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CG	4	17789373	17789447	4	-0.271	0.081	5.7E-03	AT4G37830	-0.1	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	350451	350457	4	0.192	0.084	4.5E-03	AT5G01900	-3.5	1.3E-05
5 d.p.i. <i>Pst(avr)</i>	CG	5	1446522	1446548	6	-0.183	0.153	7.6E-03	AT5G04930	-1.1	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	2337648	2337680	4	0.115	0.114	9.0E-03	AT5G07390	-1.9	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	3070255	3070300	4	0.215	0.128	5.0E-03	AT5G09860	0.7	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	5646832	5646838	4	0.153	0.082	9.2E-03	AT5G17165	1.5	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	6262678	6262701	4	0.184	0.065	5.2E-03	AT5G18770	0.2	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	6469371	6469394	6	-0.364	0.145	1.1E-03	AT5G19240	0.9	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	6711052	6711061	4	0.253	0.039	9.5E-03	AT5G19850	-0.7	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	6836402	6836547	6	-0.215	0.107	7.7E-03	AT5G20250	-2.0	7.4E-02
5 d.p.i. <i>Pst(avr)</i>	CG	5	8684655	8684666	4	0.118	0.084	6.9E-03	AT5G25160	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	8788824	8788833	4	-0.153	0.114	8.5E-03	AT5G25320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	8811257	8811263	4	0.289	0.055	4.5E-03	AT5G25370	2.8	5.6E-03
5 d.p.i. <i>Pst(avr)</i>	CG	5	9343954	9344103	6	0.121	0.127	9.5E-03	AT5G26650	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	9832188	9832264	4	-0.153	0.099	7.4E-03	AT5G27760	0.4	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	9940332	9940408	6	0.118	0.138	5.0E-03	AT5G27910	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	9988120	9988146	4	0.281	0.225	6.0E-03	AT5G27950	-1.7	2.2E-02

5 d.p.i. <i>Pst(avr)</i>	CG	5	10935472	10935488	4	0.157	0.131	8.3E-03	AT5G28910	3.5	6.6E-06
5 d.p.i. <i>Pst(avr)</i>	CG	5	11121190	11121326	8	0.118	0.102	4.9E-03	AT5G29054	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	11303486	11303548	4	0.178	0.083	7.6E-03	AT5G29807	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	11544417	11544433	8	-0.089	0.095	4.6E-03	AT5G31412	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	12093562	12093572	4	0.155	0.125	8.3E-03	AT5G32470	0.3	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	12586959	12586981	4	-0.242	0.061	9.4E-03	AT5G33320	1.2	4.9E-02
5 d.p.i. <i>Pst(avr)</i>	CG	5	13237168	13237184	4	-0.327	0.105	8.7E-03	AT5G34940	-1.9	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CG	5	15883499	15883518	4	-0.376	0.171	4.8E-03	AT5G39670	-2.0	7.1E-04
5 d.p.i. <i>Pst(avr)</i>	CG	5	16705657	16705669	4	-0.186	0.054	4.3E-03	AT5G41760	1.4	1.3E-02
5 d.p.i. <i>Pst(avr)</i>	CG	5	17612716	17612729	4	-0.207	0.142	7.8E-03	AT5G43810	0.9	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	18159764	18159778	4	-0.285	0.022	4.3E-03	AT5G44980	-1.5	6.6E-02
5 d.p.i. <i>Pst(avr)</i>	CG	5	18427366	18427499	6	-0.106	0.077	7.3E-03	AT5G45480	-0.2	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CG	5	19516833	19516877	6	0.187	0.097	7.3E-03	AT5G48130	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	21803218	21803268	4	0.162	0.108	7.4E-03	AT5G53700	-2.4	4.6E-03
5 d.p.i. <i>Pst(avr)</i>	CG	5	22186827	22186884	4	-0.190	0.106	7.1E-03	AT5G54610	-1.3	8.9E-03
5 d.p.i. <i>Pst(avr)</i>	CG	5	22322785	22322888	6	-0.294	0.134	4.0E-03	AT5G55010	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	23915007	23915015	4	-0.196	0.127	9.2E-03	AT5G59280	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CG	5	25189964	25189972	4	0.156	0.050	9.4E-03	AT5G62710	3.8	5.8E-08
5 d.p.i. <i>Pst(avr)</i>	CG	5	26306665	26306672	4	0.155	0.091	7.8E-03	AT5G65750	-1.4	1.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHG	1	11032565	11032574	4	0.262	0.020	8.6E-03	AT1G30950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	1	13632133	13632174	4	0.182	0.162	9.2E-03	AT1G36272	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	1	22456446	22456451	4	0.225	0.039	7.5E-03	AT1G60985	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	1	23680027	23680039	4	0.176	0.136	8.9E-03	AT1G63810	0.8	5.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	1	24838825	24838835	4	-0.452	0.061	2.9E-05	AT1G66580	-0.1	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	1	26368266	26368290	4	0.291	0.149	7.3E-03	AT1G70000	-0.8	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	2	485556	485566	4	-0.196	0.083	8.6E-03	AT2G02040	-1.0	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	2	1194303	1194337	4	0.254	0.145	7.8E-03	AT2G03913	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	2	2371728	2371742	4	0.290	0.121	7.3E-03	AT2G06090	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	2	2661183	2661257	6	0.180	0.229	9.0E-03	AT2G06667	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	2	3266016	3266021	4	0.255	0.115	8.1E-03	AT2G07673	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	2	3478295	3478300	4	0.251	0.063	8.5E-03	AT2G07787	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHG	2	6696189	6696238	4	-0.170	0.120	7.8E-03	AT2G15360	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	2	6702856	6702864	4	0.217	0.099	7.6E-03	AT2G15370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	2	11508815	11508842	4	0.263	0.062	8.2E-03	AT2G26960	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	3	5280747	5280761	4	0.206	0.127	3.8E-03	AT3G15590	-0.7	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	3	9185831	9185902	6	0.196	0.229	8.2E-03	AT3G25221	Inf	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	3	10004717	10004785	6	0.165	0.100	7.3E-03	AT3G27130	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	4	2139757	2139884	8	0.196	0.109	6.6E-03	AT4G04370	0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	4	5363805	5363865	4	0.213	0.057	8.2E-03	AT4G08450	-Inf	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	4	5754950	5755013	8	0.152	0.119	8.2E-03	AT4G08967	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	4	7155154	7155233	8	0.146	0.078	9.4E-03	AT4G11910	-4.5	1.9E-16
5 d.p.i. <i>Pst(avr)</i>	CHG	4	11042326	11042352	4	-0.222	0.101	9.5E-03	AT4G20520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	4	14398924	14398941	4	0.289	0.039	7.3E-03	AT4G29200	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	5	8617639	8617723	4	0.236	0.091	7.3E-03	AT5G25020	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHG	5	9980732	9980793	8	0.153	0.079	8.2E-03	AT5G27950	-1.7	2.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHG	5	9991942	9991953	4	0.263	0.061	7.6E-03	AT5G27960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	5	15396072	15396081	4	0.316	0.181	9.8E-03	AT5G38450	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHG	5	17308592	17308636	4	-0.215	0.093	8.0E-03	AT5G43110	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	804	877	16	0.177	0.094	2.4E-03	AT1G01010	-2.1	1.3E-03

5 d.p.i. <i>Pst(avr)</i>	CHH	1	44806	44870	10	0.231	0.094	6.5E-03	AT1G01073	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	239243	239282	16	0.179	0.069	8.1E-03	AT1G01650	-1.0	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	432509	432526	4	-0.282	0.114	3.0E-03	AT1G02220	-2.6	1.7E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	1	433621	433646	6	0.384	0.131	3.6E-04	AT1G02220	-2.6	1.7E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	1	640570	640586	6	0.197	0.099	1.2E-03	AT1G02870	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	640743	640757	6	0.255	0.096	1.8E-03	AT1G02870	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	670834	670838	4	0.459	0.047	6.1E-04	AT1G02960	-0.5	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	697303	697321	6	0.268	0.134	6.9E-04	AT1G03020	2.8	2.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	889218	889264	8	0.100	0.111	3.8E-03	AT1G03550	-2.2	4.1E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	1160380	1160391	4	0.468	0.085	4.3E-05	AT1G04330	Inf	8.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	1614641	1614644	4	0.264	0.074	3.2E-04	AT1G05470	3.2	1.9E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	1	1706060	1706073	4	0.283	0.080	3.8E-03	AT1G05690	-1.5	3.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	1739108	1739127	6	0.374	0.077	2.7E-04	AT1G05800	-Inf	7.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	1882238	1882272	8	0.154	0.079	8.7E-03	AT1G06160	-0.7	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	2234282	2234318	8	0.330	0.207	5.9E-04	AT1G07270	0.3	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	2473148	2473168	8	0.246	0.094	5.6E-03	AT1G07970	-0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	2993354	2993366	4	0.522	0.141	1.4E-04	AT1G09260	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	2993370	2993375	4	0.450	0.138	5.0E-04	AT1G09260	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3023598	3023615	4	0.298	0.081	1.2E-03	AT1G09370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3062081	3062103	4	0.268	0.035	2.8E-03	AT1G09483	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3413558	3413571	4	0.317	0.047	2.8E-04	AT1G10390	-0.8	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3413711	3413734	8	0.185	0.086	9.0E-03	AT1G10390	-0.8	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3414229	3414271	14	0.220	0.115	3.9E-03	AT1G10390	-0.8	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3427906	3427939	10	0.191	0.090	2.0E-03	AT1G10417	0.6	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3427948	3427971	8	0.227	0.145	1.8E-03	AT1G10417	0.6	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3551684	3551698	4	0.330	0.106	9.9E-04	AT1G10690	0.2	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3825818	3825838	4	0.236	0.074	3.5E-03	AT1G11362	-0.8	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3826071	3826107	6	0.136	0.112	6.4E-03	AT1G11362	-0.8	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3826143	3826179	6	0.241	0.124	5.0E-04	AT1G11362	-0.8	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3826783	3826824	10	0.331	0.209	1.4E-04	AT1G11362	-0.8	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3827136	3827152	4	0.235	0.162	7.4E-03	AT1G11362	-0.8	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3827347	3827408	6	0.222	0.139	3.9E-03	AT1G11362	-0.8	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3892935	3892972	6	0.256	0.226	5.8E-03	AT1G11590	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3893745	3893785	4	0.212	0.114	6.1E-03	AT1G11590	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3910578	3910583	4	0.364	0.092	4.7E-03	AT1G11620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	3933217	3933225	4	0.189	0.099	7.0E-03	AT1G11670	3.1	1.0E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4094427	4094463	8	0.213	0.130	8.3E-03	AT1G12100	Inf	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4294132	4294202	20	0.169	0.102	8.3E-03	AT1G12620	0.1	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4406146	4406153	4	0.317	0.119	2.8E-03	AT1G12930	-0.5	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4494111	4494122	4	0.260	0.042	1.0E-04	AT1G13180	0.3	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4525155	4525177	10	-0.331	0.113	3.4E-04	AT1G13245	-0.6	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4525293	4525298	4	-0.192	0.126	6.7E-03	AT1G13245	-0.6	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4785876	4785892	4	0.304	0.111	7.2E-03	AT1G13980	0.1	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4966278	4966304	6	0.340	0.187	8.5E-04	AT1G14510	-0.4	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4966715	4966765	10	0.265	0.106	6.5E-04	AT1G14510	-0.4	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	4966989	4966998	4	0.327	0.205	1.9E-03	AT1G14510	-0.4	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5098418	5098426	4	0.361	0.098	1.1E-03	AT1G14790	-0.2	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5198780	5198795	4	0.215	0.131	5.6E-03	AT1G15110	-2.3	3.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5285117	5285137	8	0.240	0.081	8.0E-03	AT1G15360	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	1	5359131	5359161	12	0.164	0.145	4.6E-04	AT1G15570	3.3	1.1E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5391581	5391611	4	0.202	0.093	4.7E-03	AT1G15670	-3.0	1.0E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5436923	5436943	4	0.361	0.209	1.7E-03	AT1G15780	-0.6	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5531348	5531463	10	0.216	0.082	1.8E-03	AT1G16150	-2.9	1.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5658506	5658516	4	0.282	0.086	2.3E-03	AT1G16540	-1.3	3.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5659204	5659211	4	0.192	0.085	8.0E-03	AT1G16540	-1.3	3.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5694292	5694305	4	-0.403	0.083	8.1E-03	AT1G16670	-0.8	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5699963	5699978	6	-0.321	0.166	7.7E-03	AT1G16670	-0.8	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5899755	5899773	4	0.258	0.146	6.2E-03	AT1G17240	-1.5	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5958817	5958826	4	-0.255	0.146	3.6E-04	AT1G17380	-0.2	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5965709	5965722	4	0.224	0.093	9.7E-03	AT1G17400	0.9	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5966775	5966850	14	0.245	0.123	2.4E-03	AT1G17410	-0.6	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5966889	5966904	4	0.234	0.132	8.5E-04	AT1G17410	-0.6	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	5966907	5966921	6	0.232	0.066	8.5E-04	AT1G17410	-0.6	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6011827	6011838	4	0.368	0.170	2.6E-03	AT1G17490	-0.4	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6074926	6074934	4	0.248	0.073	5.9E-04	AT1G17665	-1.9	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6173537	6173566	8	0.161	0.119	4.3E-03	AT1G17940	-0.1	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6235792	6235796	4	0.237	0.081	2.8E-03	AT1G18130	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6273558	6273585	8	0.227	0.078	2.1E-03	AT1G18220	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6403851	6403894	6	0.305	0.104	1.3E-03	AT1G18610	-0.3	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6404209	6404222	6	0.221	0.151	9.0E-03	AT1G18610	-0.3	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6404590	6404601	4	0.269	0.174	6.8E-03	AT1G18610	-0.3	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6454678	6454681	4	0.326	0.138	2.0E-03	AT1G18710	2.7	1.7E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6590397	6590409	4	0.229	0.184	4.2E-03	AT1G19090	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6660347	6660359	4	0.254	0.135	6.0E-03	AT1G19260	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6705473	6705598	10	0.210	0.134	7.2E-03	AT1G19390	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6708318	6708338	8	0.220	0.125	4.5E-04	AT1G19394	-1.7	3.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6736996	6737023	6	0.201	0.100	5.5E-03	AT1G19460	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	6743039	6743048	4	0.304	0.045	2.6E-04	AT1G19480	0.4	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7023601	7023611	4	0.202	0.105	5.3E-03	AT1G20280	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7036525	7036535	6	0.372	0.073	1.6E-04	AT1G20320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7077970	7077985	4	0.241	0.161	1.9E-03	AT1G20405	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7138812	7138818	4	-0.420	0.146	8.7E-03	AT1G20610	0.5	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7281761	7281772	4	0.326	0.083	9.1E-04	AT1G20910	-0.4	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7393317	7393341	6	0.287	0.038	9.6E-03	AT1G21110	2.2	2.8E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7394681	7394716	4	0.300	0.110	9.1E-03	AT1G21120	1.9	9.3E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7665432	7665498	8	0.185	0.097	8.2E-03	AT1G21835	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7717468	7717473	4	0.302	0.025	3.4E-04	AT1G21940	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7717515	7717556	6	0.147	0.120	5.3E-03	AT1G21940	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7725486	7725511	10	0.171	0.095	4.7E-04	AT1G21960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7761304	7761327	4	0.246	0.060	3.9E-04	AT1G22030	1.3	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7787462	7787469	4	0.346	0.197	1.7E-03	AT1G22067	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7787494	7787498	4	0.441	0.131	1.1E-03	AT1G22067	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7787504	7787524	8	0.267	0.125	3.7E-04	AT1G22067	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7833568	7833597	8	0.270	0.206	9.4E-04	AT1G22190	-0.8	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7833724	7833734	4	0.248	0.183	4.8E-03	AT1G22190	-0.8	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7935714	7935725	4	0.347	0.069	6.3E-04	AT1G22480	-Inf	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7935732	7935747	6	0.191	0.161	3.2E-03	AT1G22480	-Inf	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7971213	7971219	4	0.238	0.117	5.6E-03	AT1G22550	0.4	5.8E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	1	7973962	7973980	4	0.219	0.103	7.8E-03	AT1G22570	-0.6	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7976159	7976178	4	0.284	0.181	4.3E-03	AT1G22570	-0.6	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	7985158	7985171	6	0.238	0.130	5.9E-03	AT1G22590	1.8	2.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8115401	8115475	6	0.238	0.159	7.5E-03	AT1G22930	-3.1	4.1E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8190106	8190194	12	0.142	0.131	6.0E-03	AT1G23090	-1.4	6.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8236194	8236283	16	0.163	0.122	6.2E-03	AT1G23205	-0.2	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8236566	8236616	14	0.217	0.087	4.3E-03	AT1G23205	-0.2	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8239694	8239719	4	0.307	0.103	1.5E-03	AT1G23210	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8252545	8252561	4	0.354	0.176	1.6E-03	AT1G23240	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8267167	8267171	4	0.296	0.109	4.5E-04	AT1G23300	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8272485	8272501	4	0.200	0.083	4.5E-03	AT1G23310	-0.3	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8277628	8277648	4	0.221	0.104	2.5E-03	AT1G23320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8277932	8277976	4	0.204	0.138	7.1E-03	AT1G23320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8282963	8283017	18	0.134	0.094	4.0E-03	AT1G23330	-0.4	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8375127	8375132	4	0.376	0.022	8.8E-05	AT1G23670	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8409090	8409140	6	0.317	0.123	1.3E-04	AT1G23780	-0.9	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8472018	8472041	8	0.219	0.114	4.2E-03	AT1G23950	-0.3	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8488594	8488617	4	0.187	0.123	1.8E-03	AT1G23980	0.2	8.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8488734	8488847	22	0.217	0.125	3.7E-03	AT1G23980	0.2	8.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8489339	8489352	4	0.313	0.003	3.8E-03	AT1G23980	0.2	8.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8539603	8539617	4	-0.315	0.080	8.1E-03	AT1G24145	-0.6	5.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8577448	8577459	4	0.304	0.042	4.9E-04	AT1G24210	-0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8577617	8577682	6	-0.280	0.114	4.1E-03	AT1G24210	-0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8591314	8591346	6	0.188	0.131	3.4E-03	AT1G24256	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8623576	8623675	6	0.218	0.221	1.6E-03	AT1G24310	0.9	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8649446	8649482	4	0.311	0.134	3.8E-03	AT1G24388	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8723230	8723242	4	0.246	0.131	7.9E-03	AT1G24610	0.5	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8792651	8792661	4	0.371	0.073	2.6E-04	AT1G24909	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	8870613	8870631	8	-0.294	0.084	8.5E-04	AT1G25300	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9081665	9081676	4	-0.248	0.082	1.3E-03	AT1G26240	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9082854	9082868	8	0.195	0.094	3.3E-03	AT1G26250	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9082898	9082901	4	0.158	0.103	7.0E-03	AT1G26250	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9136583	9136605	8	0.227	0.115	5.9E-03	AT1G26400	-Inf	6.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9137130	9137145	4	0.252	0.119	5.7E-03	AT1G26400	-Inf	6.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9188571	9188612	8	-0.180	0.142	6.0E-03	AT1G26590	Inf	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9236045	9236058	4	0.239	0.057	1.5E-03	AT1G26720	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9236229	9236341	6	0.220	0.197	9.4E-04	AT1G26720	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9373539	9373578	4	0.254	0.089	9.7E-03	AT1G27000	-0.6	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9418212	9418315	16	0.271	0.110	1.7E-04	AT1G27110	0.0	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9550956	9550998	12	0.228	0.105	3.3E-03	AT1G27500	0.7	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9572476	9572491	4	-0.297	0.063	7.4E-03	AT1G27565	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9574744	9574803	8	0.252	0.154	4.2E-03	AT1G27565	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9627125	9627153	6	-0.216	0.189	3.9E-03	AT1G27670	-1.0	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9708453	9708463	4	0.386	0.070	2.7E-04	AT1G27880	1.1	4.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9755137	9755157	6	0.364	0.090	1.2E-03	AT1G27990	-Inf	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9755514	9755525	4	0.306	0.049	1.2E-03	AT1G27990	-Inf	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9755793	9755811	6	0.336	0.171	5.8E-03	AT1G27990	-Inf	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9756120	9756132	6	0.383	0.163	6.3E-03	AT1G28000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9778369	9778387	4	0.201	0.177	5.2E-03	AT1G28050	0.4	5.8E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	1	9778625	9778644	6	0.155	0.085	5.8E-03	AT1G28060	-0.1	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9863161	9863289	6	0.306	0.140	2.4E-04	AT1G28230	0.3	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9865464	9865483	4	0.304	0.104	6.0E-03	AT1G28230	0.3	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9903992	9904045	16	0.266	0.197	4.4E-04	AT1G28304	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	9939625	9939639	4	0.224	0.082	7.6E-03	AT1G28340	1.1	6.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10021523	10021562	8	0.216	0.150	3.8E-04	AT1G28510	0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10159311	10159330	4	-0.261	0.169	8.6E-03	AT1G29080	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10221840	10221862	4	0.342	0.057	1.5E-04	AT1G29240	-1.1	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10357373	10357377	4	0.298	0.146	3.4E-03	AT1G29640	-5.9	3.0E-27
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10497595	10497637	14	0.162	0.087	2.2E-03	AT1G29962	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10545519	10545584	8	0.294	0.203	3.6E-04	AT1G30060	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10568739	10568752	4	-0.283	0.153	2.8E-03	AT1G30100	0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10605029	10605046	4	0.218	0.066	4.5E-03	AT1G30160	-1.0	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10652536	10652566	6	0.349	0.093	1.5E-04	AT1G30260	1.0	7.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10652800	10652804	4	0.281	0.075	4.4E-04	AT1G30260	1.0	7.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10801314	10801329	4	0.265	0.171	1.8E-03	AT1G30490	-1.9	1.7E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10802480	10802534	12	0.248	0.089	6.5E-03	AT1G30490	-1.9	1.7E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10802612	10802646	4	0.222	0.075	1.3E-03	AT1G30490	-1.9	1.7E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10852740	10852779	4	0.186	0.100	8.9E-04	AT1G30620	-1.7	4.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10916356	10916362	4	0.372	0.175	6.8E-03	AT1G30760	2.3	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10924937	10924946	4	-0.176	0.128	8.8E-03	AT1G30780	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10929443	10929513	12	0.230	0.111	4.1E-03	AT1G30780	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10932194	10932208	6	0.279	0.061	2.2E-03	AT1G30790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10982207	10982229	6	0.226	0.152	4.7E-04	AT1G30845	1.1	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	10982770	10982795	8	0.234	0.079	4.6E-03	AT1G30850	0.4	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11006073	11006098	4	0.317	0.021	5.9E-03	AT1G30920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11019515	11019546	4	0.197	0.080	5.5E-03	AT1G30930	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11044277	11044378	12	0.236	0.079	6.3E-03	AT1G30972	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11051332	11051346	4	0.240	0.070	3.5E-04	AT1G30990	-Inf	1.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11174238	11174255	6	0.198	0.118	7.8E-03	AT1G31260	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11212472	11212479	4	0.223	0.083	1.6E-03	AT1G31320	5.5	5.2E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11241918	11241929	4	0.260	0.055	9.0E-03	AT1G31380	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11277216	11277245	4	-0.357	0.066	1.0E-03	AT1G31510	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11301111	11301126	6	0.337	0.210	3.5E-03	AT1G31550	1.1	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11351514	11351616	16	-0.227	0.086	6.7E-03	AT1G31710	2.3	1.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11410214	11410220	6	0.264	0.044	1.1E-04	AT1G31812	0.7	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11427755	11427763	4	0.238	0.080	3.2E-04	AT1G31850	2.2	3.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11428223	11428231	4	0.273	0.080	3.9E-03	AT1G31850	2.2	3.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11452576	11452589	4	0.253	0.094	5.0E-03	AT1G31885	-1.8	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11452979	11453008	6	0.317	0.092	2.4E-03	AT1G31885	-1.8	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11503987	11504004	6	-0.243	0.173	3.1E-03	AT1G32000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11510102	11510125	6	0.134	0.109	8.8E-03	AT1G32010	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11517497	11517542	8	0.272	0.090	4.6E-03	AT1G32030	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11536616	11536631	4	0.249	0.058	3.8E-03	AT1G32070	1.0	1.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11552085	11552118	8	0.270	0.164	1.2E-03	AT1G32120	0.0	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11586211	11586284	14	0.154	0.079	3.5E-04	AT1G32180	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11592754	11592774	6	0.235	0.123	1.7E-03	AT1G32180	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11592791	11592800	4	0.396	0.066	5.5E-04	AT1G32180	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11592810	11592814	4	0.234	0.142	9.6E-03	AT1G32180	Inf	6.8E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	1	11644545	11644557	4	-0.368	0.030	1.7E-04	AT1G32270	-Inf	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11647927	11647948	4	-0.289	0.084	1.0E-04	AT1G32280	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11733622	11733700	6	0.204	0.105	8.8E-03	AT1G32460	-1.1	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11734329	11734343	4	0.478	0.078	6.9E-04	AT1G32460	-1.1	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11734348	11734368	4	0.310	0.099	6.6E-04	AT1G32460	-1.1	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11736034	11736088	10	0.269	0.082	6.1E-05	AT1G32460	-1.1	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11752295	11752331	12	0.196	0.104	6.8E-03	AT1G32500	0.9	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11752435	11752449	4	0.322	0.077	9.3E-03	AT1G32500	0.9	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11794056	11794065	4	0.358	0.044	3.1E-04	AT1G32600	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11806132	11806167	8	0.180	0.097	5.0E-03	AT1G32650	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11808189	11808216	8	0.152	0.116	5.9E-03	AT1G32650	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11822327	11822337	6	0.292	0.108	4.7E-04	AT1G32690	-1.6	7.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11834650	11834668	8	0.182	0.081	3.9E-04	AT1G32720	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11861764	11861789	6	0.231	0.074	1.9E-03	AT1G32763	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11880177	11880188	4	0.202	0.108	1.2E-03	AT1G32810	-1.1	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11880748	11880794	10	0.104	0.073	5.1E-03	AT1G32810	-1.1	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	11987804	11987809	4	0.206	0.083	4.7E-03	AT1G33080	1.0	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12009549	12009576	6	0.274	0.087	6.8E-03	AT1G33120	0.8	2.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12050371	12050386	4	0.290	0.075	8.5E-04	AT1G33230	0.4	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12078234	12078267	10	0.152	0.099	2.6E-03	AT1G33320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12079655	12079665	4	0.254	0.084	3.3E-03	AT1G33320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12079713	12079724	4	0.299	0.078	1.8E-03	AT1G33320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12080354	12080389	6	0.161	0.120	4.3E-03	AT1G33320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12183819	12183840	6	0.209	0.159	2.3E-03	AT1G33600	1.4	1.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12240405	12240417	6	0.232	0.139	2.4E-03	AT1G33770	2.6	2.5E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12240432	12240457	6	0.267	0.133	2.2E-04	AT1G33770	2.6	2.5E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12249285	12249350	18	0.228	0.091	5.1E-03	AT1G33780	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12287453	12287458	4	0.221	0.091	2.8E-03	AT1G33850	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12287576	12287586	4	0.214	0.104	9.8E-03	AT1G33850	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12325672	12325682	4	0.284	0.102	1.0E-03	AT1G33930	2.9	5.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12333727	12333749	6	0.242	0.181	5.6E-03	AT1G33950	-3.6	9.1E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12336605	12336631	6	-0.256	0.156	2.1E-03	AT1G33950	-3.6	9.1E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12336643	12336652	4	0.313	0.028	8.3E-06	AT1G33950	-3.6	9.1E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12336887	12337000	12	0.232	0.146	1.1E-03	AT1G33950	-3.6	9.1E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12337808	12337827	6	0.281	0.108	1.6E-04	AT1G33950	-3.6	9.1E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12364077	12364085	4	0.506	0.100	3.1E-04	AT1G34020	0.6	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12364091	12364129	6	0.188	0.150	2.5E-03	AT1G34020	0.6	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12365214	12365228	4	0.193	0.085	3.1E-03	AT1G34020	0.6	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12389683	12389717	4	0.251	0.109	8.0E-03	AT1G34046	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12424966	12424973	4	0.231	0.185	3.8E-03	AT1G34120	-0.7	3.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12469152	12469168	4	0.278	0.117	4.1E-04	AT1G34220	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12497896	12497923	4	0.297	0.189	4.0E-03	AT1G34290	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12507049	12507059	4	0.217	0.058	9.1E-04	AT1G34300	-1.2	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12564014	12564063	8	0.254	0.073	3.2E-03	AT1G34400	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12564319	12564326	4	0.282	0.067	5.9E-03	AT1G34400	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12574455	12574476	6	0.258	0.097	4.1E-03	AT1G34410	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12576413	12576439	8	-0.284	0.103	8.9E-04	AT1G34410	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12581814	12581827	4	0.238	0.189	2.9E-03	AT1G34419	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12581831	12581835	4	0.319	0.070	8.5E-04	AT1G34419	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	1	12618586	12618686	8	0.265	0.113	6.9E-03	AT1G34510	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12688827	12688859	6	0.177	0.125	4.7E-03	AT1G34640	2.5	1.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12767710	12767767	4	-0.206	0.298	9.5E-03	AT1G34792	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12866995	12867006	4	-0.331	0.033	7.7E-05	AT1G35160	0.9	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12874821	12874828	4	0.401	0.094	2.0E-04	AT1G35170	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12876887	12876921	4	0.221	0.103	3.7E-04	AT1G35180	Inf	7.5E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12895368	12895385	4	-0.217	0.137	8.3E-03	AT1G35210	0.5	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12896441	12896483	10	-0.333	0.077	1.6E-03	AT1G35210	0.5	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12904094	12904102	4	0.238	0.257	7.8E-03	AT1G35220	-0.3	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12904110	12904120	4	0.216	0.203	5.6E-03	AT1G35220	-0.3	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12916093	12916119	10	0.255	0.107	2.7E-03	AT1G35230	0.4	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12918734	12918752	4	0.280	0.117	3.4E-03	AT1G35230	0.4	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12942512	12942530	4	0.298	0.289	2.2E-03	AT1G35260	-0.9	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12951578	12951590	4	0.310	0.068	5.0E-03	AT1G35290	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12958550	12958562	6	0.332	0.191	2.9E-03	AT1G35310	3.2	1.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	12993544	12993565	6	0.410	0.083	2.4E-03	AT1G35365	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13005178	13005220	4	0.173	0.127	9.5E-03	AT1G35375	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13037177	13037194	4	0.268	0.080	1.0E-03	AT1G35440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13037237	13037249	4	0.486	0.037	1.4E-04	AT1G35440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13037329	13037360	14	0.271	0.121	1.9E-03	AT1G35440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13049978	13050021	6	0.236	0.152	5.7E-03	AT1G35467	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13057199	13057228	8	0.304	0.131	5.9E-04	AT1G35470	-0.4	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13057958	13057987	6	0.189	0.120	6.6E-03	AT1G35470	-0.4	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13067934	13067986	14	0.233	0.155	6.5E-04	AT1G35500	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13080530	13080565	6	0.290	0.132	5.8E-05	AT1G35516	-0.8	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13085711	13085723	4	0.329	0.028	1.5E-03	AT1G35520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13088207	13088231	10	0.197	0.161	6.8E-03	AT1G35530	0.9	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13108867	13108875	4	0.252	0.058	9.8E-04	AT1G35540	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13128412	13128438	6	0.346	0.063	1.5E-03	AT1G35580	-0.5	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13130007	13130033	6	0.273	0.045	3.0E-03	AT1G35580	-0.5	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13130209	13130236	8	0.210	0.072	9.9E-04	AT1G35580	-0.5	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13156104	13156126	6	0.258	0.135	6.8E-03	AT1G35620	-0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13156266	13156288	6	0.186	0.091	5.0E-03	AT1G35620	-0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13166271	13166275	4	0.412	0.078	6.9E-06	AT1G35630	0.5	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13166295	13166306	6	0.182	0.091	6.0E-03	AT1G35630	0.5	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13192413	13192417	4	0.250	0.068	2.9E-03	AT1G35660	-1.4	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13230814	13230823	4	0.338	0.055	3.6E-04	AT1G35730	6.4	9.6E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13230868	13230877	4	0.216	0.071	4.9E-04	AT1G35730	6.4	9.6E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13230924	13230978	16	0.279	0.146	1.3E-03	AT1G35730	6.4	9.6E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13234090	13234110	4	0.227	0.127	2.1E-03	AT1G35730	6.4	9.6E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13257047	13257054	4	0.225	0.063	4.4E-04	AT1G35750	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13259980	13259993	4	-0.270	0.122	2.9E-03	AT1G35750	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13260160	13260186	8	0.231	0.061	4.4E-04	AT1G35750	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13260221	13260249	4	0.411	0.069	6.3E-03	AT1G35750	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13310310	13310396	4	0.216	0.090	3.1E-03	AT1G35820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13326544	13326561	4	0.198	0.179	1.2E-03	AT1G35850	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13346129	13346146	4	0.411	0.062	9.4E-04	AT1G35900	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13349271	13349297	6	-0.247	0.091	6.6E-03	AT1G35900	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13422277	13422302	6	0.232	0.091	9.1E-04	AT1G36000	-Inf	3.3E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	1	13430941	13430961	4	0.203	0.126	4.3E-04	AT1G36020	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13431613	13431635	4	0.277	0.116	7.4E-04	AT1G36020	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13438454	13438478	10	0.238	0.175	9.4E-03	AT1G36030	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13441336	13441351	4	-0.235	0.195	9.5E-03	AT1G36030	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13495947	13495965	4	0.453	0.083	7.1E-03	AT1G36100	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13498536	13498555	4	0.366	0.053	1.3E-03	AT1G36100	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13634438	13634460	4	0.215	0.152	3.6E-03	AT1G36272	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13637011	13637035	10	0.234	0.097	1.8E-03	AT1G36272	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13669119	13669149	6	0.266	0.106	4.2E-03	AT1G36310	0.3	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13684694	13684714	4	0.258	0.092	9.1E-04	AT1G36340	-0.3	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13852077	13852204	18	0.181	0.117	1.6E-03	AT1G36640	-4.4	4.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13852432	13852448	6	0.278	0.121	6.3E-03	AT1G36640	-4.4	4.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13867197	13867220	6	0.314	0.107	1.8E-03	AT1G36675	0.5	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13868787	13868813	6	0.222	0.147	5.1E-03	AT1G36675	0.5	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13896289	13896293	4	0.252	0.051	6.8E-03	AT1G36730	-0.4	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13906691	13906746	10	0.158	0.129	8.0E-03	AT1G36745	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13908196	13908237	8	0.270	0.136	1.5E-03	AT1G36745	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13920880	13920944	8	0.123	0.111	8.9E-03	AT1G36756	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13979364	13979378	6	0.377	0.064	7.3E-05	AT1G36920	-2.2	2.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	13986366	13986404	4	0.142	0.177	6.2E-03	AT1G36925	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14008521	14008536	6	0.308	0.043	4.6E-05	AT1G36942	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14008573	14008608	12	0.258	0.116	8.9E-04	AT1G36950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14009713	14009734	8	0.315	0.071	1.1E-03	AT1G36950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14009742	14009751	4	0.398	0.082	6.8E-05	AT1G36950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14013145	14013156	4	0.216	0.133	7.3E-03	AT1G36960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14013508	14013522	4	0.358	0.068	2.0E-04	AT1G36960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14049023	14049054	4	0.248	0.142	5.8E-03	AT1G37020	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14186177	14186194	4	0.270	0.076	9.1E-03	AT1G37162	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14186798	14186876	8	-0.152	0.079	2.8E-03	AT1G37162	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14541151	14541273	14	0.248	0.166	9.3E-03	AT1G38790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14588880	14588938	12	0.138	0.086	4.1E-04	AT1G38950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14922740	14922766	4	-0.197	0.096	4.2E-03	AT1G40083	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14924465	14924480	4	0.245	0.233	7.0E-03	AT1G40083	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14925907	14925959	10	0.149	0.119	4.9E-03	AT1G40083	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14997535	14997623	4	0.240	0.198	3.0E-03	AT1G40087	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	14998822	14998832	4	0.359	0.078	7.0E-06	AT1G40087	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15077909	15077968	6	0.187	0.167	2.4E-03	AT1G40104	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15078816	15078832	4	0.172	0.104	4.5E-03	AT1G40104	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15432047	15432116	8	0.197	0.136	8.6E-03	AT1G40390	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15610523	15610532	4	0.302	0.039	3.2E-05	AT1G41830	4.5	7.6E-22
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15655599	15655607	4	-0.281	0.147	6.7E-03	AT1G41880	1.1	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15684318	15684356	4	0.165	0.175	8.5E-03	AT1G41920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15685829	15685847	4	0.182	0.156	8.7E-03	AT1G41920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15688106	15688206	8	0.215	0.121	1.0E-03	AT1G41920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15759909	15759942	4	0.196	0.115	5.3E-03	AT1G42190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15886875	15886895	4	0.346	0.150	5.7E-04	AT1G42430	-1.4	4.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	15984452	15984471	6	0.190	0.054	4.0E-03	AT1G42560	-7.1	1.1E-20
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16040932	16040969	8	0.134	0.109	8.3E-03	AT1G42680	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16071518	16071582	6	0.119	0.161	7.8E-03	AT1G42700	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	1	16156798	16156829	12	0.208	0.113	9.2E-04	AT1G43020	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16232045	16232145	8	0.236	0.128	6.0E-03	AT1G43140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16237902	16237923	6	0.159	0.088	7.8E-03	AT1G43145	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16259742	16259770	12	0.222	0.073	9.8E-03	AT1G43160	-2.6	9.6E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16262162	16262176	4	0.386	0.099	4.1E-03	AT1G43160	-2.6	9.6E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16280038	16280070	4	0.244	0.063	4.7E-04	AT1G43190	0.4	5.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16306745	16306797	4	0.177	0.115	4.5E-03	AT1G43245	-1.0	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16307711	16307741	8	0.284	0.046	1.5E-03	AT1G43245	-1.0	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16312009	16312031	6	-0.205	0.082	9.5E-03	AT1G43245	-1.0	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16352267	16352345	20	0.237	0.109	2.4E-03	AT1G43320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16362007	16362019	4	0.250	0.111	4.8E-04	AT1G43330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16362660	16362664	4	-0.296	0.048	7.1E-03	AT1G43330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16362696	16362707	4	0.301	0.103	4.9E-03	AT1G43330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16421124	16421139	4	0.283	0.072	2.1E-03	AT1G43610	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16456871	16456889	4	0.368	0.097	6.6E-04	AT1G43665	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16462715	16462723	4	0.301	0.071	2.5E-04	AT1G43666	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16477713	16477724	6	0.368	0.068	3.6E-04	AT1G43690	0.0	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16490518	16490549	4	0.209	0.185	8.6E-03	AT1G43710	0.6	5.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16514608	16514624	4	-0.233	0.100	2.0E-03	AT1G43730	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16526858	16526873	4	0.250	0.074	7.0E-03	AT1G43760	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16546383	16546395	4	0.321	0.022	5.0E-05	AT1G43770	-0.7	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16613257	16613276	4	0.226	0.101	5.9E-03	AT1G43850	-0.6	4.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16613495	16613507	4	0.284	0.148	2.0E-03	AT1G43850	-0.6	4.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16651358	16651364	4	0.252	0.071	1.5E-03	AT1G43900	-0.3	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16706958	16706964	4	0.332	0.056	2.7E-04	AT1G44000	1.3	4.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16706981	16706997	6	0.286	0.109	6.0E-03	AT1G44000	1.3	4.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16711338	16711350	4	0.265	0.067	5.9E-03	AT1G44000	1.3	4.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16723575	16723597	8	0.239	0.132	5.2E-03	AT1G44030	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16737960	16737969	4	0.198	0.105	8.7E-03	AT1G44050	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16744271	16744344	10	0.191	0.131	7.1E-03	AT1G44050	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16754996	16755018	10	0.232	0.082	4.6E-03	AT1G44080	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16755185	16755193	4	-0.287	0.054	3.3E-04	AT1G44080	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16790779	16790787	4	0.201	0.143	9.4E-04	AT1G44130	-4.5	4.8E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16791874	16791892	4	0.238	0.050	2.5E-03	AT1G44130	-4.5	4.8E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16792123	16792141	4	0.303	0.134	8.5E-04	AT1G44160	-3.1	3.6E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16794366	16794393	6	0.188	0.109	7.3E-03	AT1G44160	-3.1	3.6E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16806935	16806948	4	0.428	0.034	1.2E-04	AT1G44180	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16816243	16816273	6	0.134	0.107	5.9E-03	AT1G44191	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16840687	16840694	4	0.218	0.162	1.5E-03	AT1G44350	-1.2	6.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16878173	16878274	16	0.171	0.100	1.9E-03	AT1G44608	-2.8	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16889946	16889956	4	0.267	0.117	2.1E-03	AT1G44740	2.6	3.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16936205	16936211	4	0.330	0.058	1.0E-03	AT1G44830	0.6	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16936925	16936938	6	0.161	0.120	4.1E-03	AT1G44835	1.2	7.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16938080	16938089	4	0.484	0.114	5.8E-04	AT1G44835	1.2	7.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16989702	16989743	8	0.184	0.081	2.0E-03	AT1G44940	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	16998645	16998676	6	-0.209	0.190	1.1E-03	AT1G44960	-0.6	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17023294	17023333	8	0.182	0.157	6.6E-03	AT1G45015	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17024099	17024118	4	0.198	0.147	3.2E-03	AT1G45015	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17024143	17024177	4	0.303	0.049	4.1E-03	AT1G45015	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	1	17069918	17069929	4	-0.347	0.084	2.7E-03	AT1G45130	3.5	9.3E-12
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17102338	17102357	6	0.335	0.185	6.6E-04	AT1G45190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17107578	17107604	8	0.180	0.158	7.0E-03	AT1G45190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17108073	17108096	4	0.296	0.093	3.8E-03	AT1G45190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17136230	17136346	34	0.101	0.071	6.7E-03	AT1G45215	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17193648	17193675	6	0.196	0.075	2.4E-03	AT1G45688	0.4	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17193678	17193693	4	0.228	0.136	5.2E-03	AT1G45688	0.4	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17229873	17229940	4	0.184	0.095	7.0E-03	AT1G46336	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17300264	17300275	4	0.333	0.077	9.8E-04	AT1G47210	0.6	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17335400	17335438	8	0.137	0.103	7.2E-03	AT1G47290	1.1	6.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17381831	17381838	4	0.361	0.044	4.1E-04	AT1G47395	0.5	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17384488	17384500	4	-0.314	0.088	6.8E-05	AT1G47400	1.3	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17449853	17449868	8	0.324	0.199	3.7E-04	AT1G47530	-0.8	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17491117	17491144	6	0.233	0.078	7.8E-03	AT1G47600	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17495942	17495975	4	0.335	0.027	4.2E-05	AT1G47603	-0.7	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17503203	17503210	4	0.264	0.087	8.5E-03	AT1G47610	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17528682	17528725	4	0.167	0.150	8.9E-03	AT1G47655	0.1	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17547608	17547637	4	0.213	0.210	4.3E-03	AT1G47700	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17551254	17551275	4	0.300	0.106	1.9E-03	AT1G47700	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17563775	17563822	4	0.221	0.101	2.9E-03	AT1G47720	-0.4	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17565890	17565895	4	0.289	0.032	5.0E-04	AT1G47740	0.7	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17571380	17571389	4	0.350	0.086	4.1E-03	AT1G47760	3.6	6.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17571392	17571417	6	0.210	0.133	1.4E-03	AT1G47760	3.6	6.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17606000	17606005	4	-0.352	0.032	4.4E-04	AT1G47813	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17607546	17607560	4	0.296	0.106	9.2E-04	AT1G47813	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17632639	17632724	12	0.219	0.125	9.1E-04	AT1G47870	-0.5	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17655224	17655249	6	0.282	0.127	5.7E-03	AT1G47900	3.0	7.3E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17685984	17686018	4	0.290	0.062	1.8E-03	AT1G47970	-1.1	7.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17686097	17686114	6	-0.253	0.084	2.1E-03	AT1G47970	-1.1	7.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17710669	17710690	4	0.231	0.189	8.7E-03	AT1G48010	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17727825	17727841	4	0.311	0.115	4.5E-03	AT1G48060	0.0	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17758976	17758980	4	0.461	0.028	6.4E-06	AT1G48090	-0.7	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17813946	17813965	4	0.350	0.102	2.1E-03	AT1G48240	0.5	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17838582	17838619	6	0.227	0.072	8.6E-03	AT1G48280	0.8	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	17838657	17838717	12	0.246	0.136	3.3E-03	AT1G48280	0.8	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18054322	18054332	4	0.163	0.129	4.6E-03	AT1G48820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18088682	18088694	4	0.221	0.096	4.8E-03	AT1G48900	-0.2	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18096250	18096295	4	0.295	0.108	1.7E-04	AT1G48912	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18213845	18213869	8	0.301	0.155	2.4E-04	AT1G49240	-1.0	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18214558	18214591	8	0.209	0.102	1.3E-03	AT1G49240	-1.0	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18271459	18271502	10	0.216	0.170	4.8E-03	AT1G49360	-1.6	7.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18287260	18287268	4	0.195	0.141	2.4E-03	AT1G49410	1.4	6.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18287424	18287435	4	0.362	0.063	1.3E-04	AT1G49410	1.4	6.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18300290	18300298	4	0.146	0.109	4.6E-03	AT1G49435	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18321028	18321040	4	0.175	0.147	7.0E-03	AT1G49490	1.2	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18450342	18450396	12	0.144	0.095	9.5E-03	AT1G49840	1.6	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18458200	18458213	6	0.202	0.145	9.1E-03	AT1G49860	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18458221	18458227	4	0.242	0.075	2.3E-04	AT1G49860	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18599656	18599661	4	0.270	0.074	5.9E-03	AT1G50200	-0.5	6.0E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	1	18600127	18600154	4	0.232	0.108	1.4E-03	AT1G50200	-0.5	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18600296	18600307	6	0.305	0.108	4.4E-03	AT1G50200	-0.5	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18632271	18632312	10	0.170	0.137	2.0E-03	AT1G50300	-0.6	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18633341	18633373	8	0.250	0.069	1.9E-03	AT1G50300	-0.6	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18648600	18648614	4	0.185	0.122	3.2E-03	AT1G50350	0.3	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18658237	18658244	4	0.358	0.086	1.3E-03	AT1G50370	-0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18706993	18707005	4	-0.238	0.154	1.9E-03	AT1G50490	-0.8	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18745358	18745396	12	0.226	0.078	7.8E-04	AT1G50620	-0.5	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18745934	18746009	8	0.326	0.114	1.3E-03	AT1G50620	-0.5	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18746012	18746036	8	0.276	0.194	4.5E-03	AT1G50620	-0.5	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18817563	18817578	6	-0.194	0.116	7.2E-03	AT1G50760	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18859303	18859312	4	0.216	0.154	6.8E-03	AT1G50880	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18859399	18859409	4	0.320	0.149	2.8E-03	AT1G50880	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18874345	18874375	6	0.177	0.122	9.2E-03	AT1G50930	0.1	8.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18887911	18887937	8	-0.224	0.082	7.2E-03	AT1G50954	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18895289	18895297	4	0.259	0.142	2.5E-03	AT1G50970	-1.2	6.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18930938	18931040	10	0.201	0.137	9.8E-04	AT1G51080	3.5	4.0E-10
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18980937	18980972	4	-0.226	0.173	4.9E-03	AT1G51200	-1.0	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	18981194	18981212	8	0.240	0.127	5.4E-03	AT1G51200	-1.0	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19027711	19027721	6	0.281	0.104	4.1E-04	AT1G51320	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19054463	19054478	6	0.152	0.131	5.3E-03	AT1G51400	1.9	4.7E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19086705	19086722	4	0.238	0.069	5.0E-03	AT1G51470	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19173724	19173747	4	0.422	0.120	2.0E-04	AT1G51700	1.1	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19236835	19236879	12	0.200	0.097	4.2E-03	AT1G51810	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19248986	19248999	4	0.422	0.103	1.2E-03	AT1G51840	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19249041	19249073	10	0.159	0.134	5.9E-03	AT1G51840	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19251765	19251792	4	0.287	0.054	3.6E-04	AT1G51840	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19303967	19303982	6	0.234	0.115	1.5E-03	AT1G51950	-0.4	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19304471	19304480	4	0.271	0.056	3.6E-04	AT1G51950	-0.4	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19328291	19328303	6	-0.174	0.166	8.4E-03	AT1G51980	-0.2	7.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19330108	19330113	4	0.193	0.079	1.7E-03	AT1G51990	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19354216	19354232	6	0.200	0.099	3.6E-03	AT1G52040	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19354246	19354306	12	0.172	0.133	6.4E-03	AT1G52040	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19354346	19354352	4	0.430	0.106	1.1E-04	AT1G52040	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19368676	19368690	4	0.340	0.079	7.7E-04	AT1G52080	-1.2	4.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19389692	19389734	8	0.172	0.096	5.1E-03	AT1G52110	-Inf	1.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19393174	19393224	14	0.305	0.174	7.6E-03	AT1G52110	-Inf	1.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19393361	19393395	4	0.254	0.032	1.6E-04	AT1G52110	-Inf	1.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19404538	19404571	6	0.262	0.151	5.1E-03	AT1G52130	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19415281	19415301	4	0.366	0.065	5.0E-04	AT1G52150	-0.5	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19420657	19420674	6	0.334	0.041	1.2E-03	AT1G52155	0.2	8.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19428951	19428963	4	0.249	0.054	1.7E-04	AT1G52180	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19429032	19429040	4	0.284	0.126	9.5E-03	AT1G52180	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19465216	19465229	4	-0.225	0.132	3.1E-03	AT1G52270	3.2	5.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19465891	19465902	4	0.300	0.059	1.0E-03	AT1G52270	3.2	5.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19577380	19577408	8	0.186	0.118	9.3E-03	AT1G52560	-Inf	2.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19666450	19666469	6	-0.163	0.082	5.4E-03	AT1G52810	-3.8	2.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19666501	19666511	4	0.296	0.037	5.0E-03	AT1G52810	-3.8	2.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19680247	19680263	4	-0.220	0.106	6.2E-04	AT1G52857	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	1	19741970	19742012	10	0.332	0.055	2.1E-03	AT1G52990	-0.1	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19763365	19763378	4	0.391	0.040	1.7E-04	AT1G53039	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19768806	19768818	4	0.346	0.043	1.4E-03	AT1G53040	1.4	4.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19769571	19769587	4	0.357	0.093	1.0E-02	AT1G53040	1.4	4.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19941476	19941485	4	0.239	0.146	9.9E-03	AT1G53440	0.5	3.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	19986915	19986938	4	0.343	0.061	1.8E-03	AT1G53570	-1.6	1.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20166662	20166674	4	0.213	0.097	3.9E-03	AT1G54030	-0.7	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20205587	20205611	6	0.165	0.152	3.6E-03	AT1G54120	0.3	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20278640	20278672	4	-0.377	0.112	9.8E-03	AT1G54320	-0.9	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20363032	20363041	4	0.332	0.082	3.3E-03	AT1G54520	0.8	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20433260	20433275	6	0.280	0.115	1.7E-03	AT1G54760	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20462606	20462682	14	0.256	0.098	1.7E-03	AT1G54890	-Inf	2.6E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20488961	20488982	4	0.362	0.087	2.2E-03	AT1G54950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20499239	20499297	4	0.191	0.074	7.0E-03	AT1G54960	1.5	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20525348	20525354	4	0.298	0.051	3.1E-04	AT1G55020	-4.2	3.5E-19
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20624885	20624893	4	0.267	0.101	6.2E-03	AT1G55280	-0.8	5.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20697241	20697249	4	-0.242	0.088	9.8E-04	AT1G55430	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20703938	20703944	4	-0.276	0.091	2.4E-03	AT1G55440	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20748158	20748172	4	0.273	0.063	1.6E-03	AT1G55550	-0.1	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20820111	20820133	6	0.202	0.099	2.8E-03	AT1G55700	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	20972658	20972724	6	-0.190	0.109	5.5E-03	AT1G56070	0.0	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21018811	21018821	4	0.280	0.056	4.8E-05	AT1G56150	-0.2	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21035120	21035132	4	0.316	0.094	1.4E-03	AT1G56210	0.8	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21105660	21105730	12	0.240	0.103	7.3E-04	AT1G56385	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21120421	21120452	4	0.297	0.120	6.4E-03	AT1G56415	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21144839	21144879	6	0.269	0.129	8.8E-03	AT1G56460	-1.0	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21188788	21188797	4	0.277	0.078	4.3E-03	AT1G56550	-1.4	9.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21210283	21210290	4	0.397	0.066	1.0E-03	AT1G56610	-0.3	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21211033	21211040	4	0.361	0.090	1.8E-03	AT1G56610	-0.3	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21244434	21244469	6	0.305	0.119	7.9E-03	AT1G56670	4.1	3.7E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21336223	21336232	4	0.356	0.072	2.8E-03	AT1G57600	0.5	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21346227	21346247	4	0.231	0.122	6.6E-03	AT1G57630	-1.7	3.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21360263	21360294	4	0.253	0.134	5.6E-03	AT1G57670	0.4	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21360302	21360309	4	0.184	0.082	8.7E-03	AT1G57670	0.4	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21401360	21401381	4	0.240	0.177	3.0E-03	AT1G57777	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21439116	21439141	4	0.272	0.108	2.9E-04	AT1G57943	-0.3	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21470151	21470186	8	0.149	0.098	1.5E-03	AT1G58030	-2.5	4.2E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21470480	21470516	4	0.228	0.099	3.2E-03	AT1G58030	-2.5	4.2E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21471610	21471645	8	0.254	0.157	2.4E-03	AT1G58037	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21472028	21472104	16	0.217	0.122	8.3E-03	AT1G58037	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21525059	21525127	8	0.158	0.092	5.1E-03	AT1G58120	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21586057	21586063	4	0.260	0.047	7.6E-03	AT1G58248	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21586262	21586272	4	0.302	0.052	6.4E-04	AT1G58248	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21637460	21637479	4	0.358	0.156	6.5E-03	AT1G58320	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21638008	21638017	4	0.257	0.056	1.6E-04	AT1G58320	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21675060	21675098	4	0.242	0.096	4.5E-04	AT1G58360	-1.0	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21681619	21681644	12	0.291	0.149	1.6E-04	AT1G58370	3.9	2.1E-11
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21682464	21682478	4	0.273	0.072	1.5E-03	AT1G58370	3.9	2.1E-11
5 d.p.i. <i>Pst(avr)</i>	CHH	1	21710554	21710558	4	0.246	0.062	4.0E-03	AT1G58430	nd	nd

5 d.p.i. <i>Pst(avr)</i>	C HH	1	21710566	21710576	6	0.298	0.168	1.5E-03	AT1G58430	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	21918727	21918781	4	-0.325	0.135	5.7E-03	AT1G59650	-0.5	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	21918982	21918990	4	0.255	0.051	6.4E-04	AT1G59650	-0.5	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	21947227	21947246	8	0.170	0.107	3.0E-03	AT1G59722	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	21996167	21996188	4	0.453	0.199	3.6E-04	AT1G59780	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22059021	22059034	4	0.222	0.144	3.6E-03	AT1G59920	-Inf	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22089243	22089248	4	0.301	0.112	1.3E-03	AT1G59990	1.7	2.5E-03
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22111977	22112056	4	-0.252	0.061	2.5E-03	AT1G60030	2.3	3.9E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22163222	22163247	4	0.239	0.142	2.6E-03	AT1G60095	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22164015	22164020	4	0.310	0.217	7.2E-03	AT1G60095	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22164069	22164091	6	0.159	0.090	6.1E-03	AT1G60095	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22165459	22165472	4	0.350	0.082	5.6E-04	AT1G60110	-1.9	2.1E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22165505	22165534	6	0.392	0.177	1.0E-04	AT1G60110	-1.9	2.1E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22183166	22183190	8	0.209	0.137	6.3E-03	AT1G60140	-1.5	6.3E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22409081	22409087	4	0.246	0.134	4.5E-03	AT1G60870	-1.6	2.2E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22447380	22447393	6	0.342	0.088	4.2E-05	AT1G60960	-1.7	8.7E-03
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22456430	22456440	4	0.197	0.097	7.0E-03	AT1G60985	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22592627	22592713	22	0.215	0.138	3.1E-04	AT1G61260	0.6	4.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22620825	22620829	4	0.224	0.097	3.4E-03	AT1G61330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22620952	22620955	4	0.403	0.111	3.3E-04	AT1G61330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22694057	22694069	4	0.324	0.177	6.5E-04	AT1G61500	1.3	3.9E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22732186	22732208	6	0.237	0.079	1.1E-03	AT1G61610	-2.7	2.0E-08
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22743201	22743208	4	0.282	0.055	8.6E-03	AT1G61630	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22778285	22778295	4	0.165	0.132	6.0E-03	AT1G61688	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22779032	22779058	4	0.262	0.096	2.7E-03	AT1G61688	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22779951	22779964	4	0.224	0.085	7.3E-04	AT1G61688	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22828658	22828684	6	0.203	0.111	6.1E-03	AT1G61810	-5.9	5.7E-27
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22850795	22850824	4	0.212	0.109	2.4E-03	AT1G61840	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22889120	22889133	4	0.222	0.129	2.7E-03	AT1G61920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22889545	22889571	4	0.250	0.117	2.4E-03	AT1G61920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	22985322	22985331	4	0.174	0.096	9.4E-03	AT1G62210	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23068325	23068344	6	0.200	0.089	4.9E-03	AT1G62370	-4.8	2.1E-18
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23087869	23087921	6	0.192	0.124	1.4E-04	AT1G62390	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23096952	23096980	4	0.292	0.056	1.3E-03	AT1G62421	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23125264	23125274	4	0.318	0.034	7.2E-03	AT1G62480	-0.3	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23125652	23125690	8	0.309	0.139	5.9E-03	AT1G62480	-0.3	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23152504	23152515	4	-0.226	0.076	4.5E-03	AT1G62540	2.1	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23174655	23174671	4	-0.317	0.120	6.9E-04	AT1G62580	-Inf	1.3E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23175173	23175187	4	0.264	0.228	3.1E-03	AT1G62580	-Inf	1.3E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23190760	23190800	10	0.388	0.081	4.2E-05	AT1G62640	1.2	7.1E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23190899	23190932	10	0.173	0.131	6.3E-03	AT1G62640	1.2	7.1E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23247203	23247214	4	0.333	0.056	8.8E-03	AT1G62770	-0.6	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23247283	23247290	4	0.431	0.041	1.3E-05	AT1G62770	-0.6	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23477163	23477176	4	0.256	0.057	1.5E-04	AT1G63290	-0.7	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23519528	23519549	8	0.221	0.081	1.2E-03	AT1G63430	0.2	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23640314	23640352	6	-0.164	0.075	3.4E-03	AT1G63730	-0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23710833	23710938	6	0.177	0.075	7.6E-03	AT1G63870	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23723821	23723830	4	0.304	0.098	1.9E-03	AT1G63910	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23723928	23723936	4	0.221	0.066	3.8E-03	AT1G63910	Inf	4.3E-01

5 d.p.i. <i>Pst(avr)</i>	C HH	1	23749196	23749210	4	0.230	0.099	6.1E-03	AT1G64000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23856490	23856507	4	0.257	0.072	4.3E-04	AT1G64280	-0.3	8.2E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23876436	23876496	8	0.195	0.150	5.8E-04	AT1G64340	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23885161	23885293	8	0.194	0.165	3.2E-03	AT1G64355	1.0	4.9E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	23947060	23947065	4	0.366	0.045	1.3E-04	AT1G64470	0.3	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24241384	24241404	8	0.288	0.072	1.8E-03	AT1G65270	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24351264	24351289	6	0.290	0.136	2.0E-03	AT1G65486	-1.1	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24351848	24351887	4	-0.255	0.119	1.3E-03	AT1G65486	-1.1	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24369405	24369410	4	0.322	0.053	3.6E-04	AT1G65550	-Inf	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24428937	24428942	4	0.340	0.042	6.7E-04	AT1G65681	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24457243	24457258	4	0.239	0.064	5.9E-03	AT1G65760	-1.8	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24508195	24508226	6	0.229	0.107	6.3E-04	AT1G65880	Inf	1.7E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24605491	24605504	4	0.199	0.103	3.0E-03	AT1G66100	1.3	2.4E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24645755	24645791	8	-0.231	0.098	8.9E-03	AT1G66180	0.2	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24691868	24691909	8	0.215	0.128	9.5E-04	AT1G66250	0.7	5.1E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24705052	24705068	6	0.179	0.118	6.5E-04	AT1G66270	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24718613	24718622	4	0.273	0.078	1.4E-03	AT1G66300	Inf	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24718727	24718794	8	0.280	0.185	9.4E-03	AT1G66300	Inf	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24721494	24721563	4	0.144	0.111	7.7E-03	AT1G66310	-0.6	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24831682	24831697	8	0.203	0.124	2.6E-03	AT1G66553	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24832603	24832613	6	0.215	0.050	7.1E-03	AT1G66560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24835839	24835859	4	0.230	0.158	5.9E-03	AT1G66570	-Inf	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	24908417	24908423	4	0.318	0.067	6.3E-03	AT1G66780	1.6	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25098884	25098925	4	0.281	0.066	6.6E-03	AT1G67130	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25159922	25159988	10	0.223	0.167	5.1E-03	AT1G67230	-1.0	9.3E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25180270	25180280	4	-0.172	0.100	6.8E-03	AT1G67265	-0.4	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25181155	25181165	4	0.174	0.093	3.8E-03	AT1G67270	-Inf	9.6E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25247609	25247622	4	0.352	0.047	1.8E-03	AT1G67390	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25247758	25247779	4	0.253	0.145	2.6E-03	AT1G67400	1.9	1.2E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25247793	25247817	4	0.239	0.169	7.3E-03	AT1G67400	1.9	1.2E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25327165	25327171	4	0.275	0.192	9.1E-03	AT1G67570	-0.6	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25343315	25343324	4	0.236	0.129	7.0E-03	AT1G67623	0.5	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25594897	25594946	8	0.228	0.079	1.8E-03	AT1G68280	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25595771	25595792	6	0.302	0.056	5.1E-03	AT1G68290	-1.7	5.5E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25595820	25595837	6	0.270	0.114	1.2E-03	AT1G68290	-1.7	5.5E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25639793	25639802	4	0.286	0.070	3.3E-03	AT1G68380	-Inf	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25641401	25641417	4	0.266	0.179	4.8E-03	AT1G68390	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25660212	25660229	6	0.224	0.097	9.4E-03	AT1G68450	-Inf	1.2E-11
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25697022	25697040	4	0.220	0.082	5.0E-03	AT1G68490	0.4	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25722660	25722667	4	0.214	0.104	7.2E-03	AT1G68540	1.3	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25723473	25723509	10	0.203	0.085	7.3E-03	AT1G68540	1.3	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25973742	25973747	4	0.244	0.064	1.8E-03	AT1G69080	2.4	1.8E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25973889	25973898	4	-0.199	0.089	5.1E-03	AT1G69080	2.4	1.8E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	1	25976367	25976390	4	0.210	0.097	4.6E-03	AT1G69090	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	26179827	26179840	4	0.263	0.047	2.7E-05	AT1G69588	Inf	2.2E-03
5 d.p.i. <i>Pst(avr)</i>	C HH	1	26185919	26185948	8	0.240	0.087	2.2E-04	AT1G69610	-2.6	7.9E-07
5 d.p.i. <i>Pst(avr)</i>	C HH	1	26307437	26307472	4	-0.286	0.136	3.0E-03	AT1G69860	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	1	26510924	26510947	6	0.203	0.110	2.5E-03	AT1G70360	-0.8	4.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	1	26551617	26551625	4	0.333	0.039	1.0E-03	AT1G70450	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	1	26761198	26761238	6	0.217	0.097	6.4E-04	AT1G70980	-1.4	2.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27118066	27118101	8	0.183	0.101	1.5E-03	AT1G72060	-1.3	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27597480	27597488	4	0.273	0.076	2.6E-03	AT1G73400	-0.5	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27597580	27597669	6	0.194	0.062	4.9E-03	AT1G73400	-0.5	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27635377	27635434	8	0.264	0.088	1.5E-03	AT1G73490	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27636499	27636506	4	0.229	0.067	2.3E-03	AT1G73490	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27859711	27859743	12	0.189	0.082	4.9E-03	AT1G74090	0.2	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27860787	27860796	4	0.225	0.058	2.3E-04	AT1G74090	0.2	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27860824	27860838	6	0.281	0.047	5.1E-03	AT1G74090	0.2	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	27933536	27933572	8	0.123	0.122	7.7E-03	AT1G74290	-4.4	8.9E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28397879	28397891	4	0.338	0.032	6.3E-05	AT1G75620	2.5	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28398827	28398850	6	0.190	0.091	9.5E-03	AT1G75630	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28421412	28421421	4	0.372	0.098	3.6E-04	AT1G75690	1.5	1.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28592936	28592986	10	0.226	0.101	5.3E-04	AT1G76200	0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28703854	28703863	4	0.372	0.072	1.1E-05	AT1G76500	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28827517	28827530	4	0.243	0.082	1.7E-03	AT1G76800	3.7	2.0E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28844109	28844124	6	0.260	0.171	5.3E-03	AT1G76830	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28891622	28891636	4	0.210	0.118	5.1E-03	AT1G76920	-0.3	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28891883	28891889	4	0.287	0.198	7.0E-03	AT1G76920	-0.3	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28913376	28913430	8	0.243	0.221	4.3E-03	AT1G76952	Inf	6.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28913457	28913471	4	0.402	0.061	1.1E-04	AT1G76952	Inf	6.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28913538	28913645	22	0.160	0.108	7.5E-03	AT1G76952	Inf	6.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	1	28994515	28994525	4	0.386	0.153	7.7E-03	AT1G77150	-Inf	1.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29002477	29002489	6	-0.182	0.142	9.2E-03	AT1G77180	-1.0	1.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29078437	29078454	4	0.254	0.035	2.0E-03	AT1G77380	-4.1	1.7E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29078458	29078464	4	0.300	0.017	1.9E-03	AT1G77380	-4.1	1.7E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29078569	29078605	6	0.173	0.110	1.2E-03	AT1G77380	-4.1	1.7E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29078674	29078694	4	0.332	0.106	2.0E-04	AT1G77380	-4.1	1.7E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29125524	29125543	4	0.430	0.049	1.9E-03	AT1G77510	0.6	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29125555	29125565	4	0.273	0.048	5.3E-03	AT1G77510	0.6	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29125758	29125805	6	0.170	0.102	4.8E-03	AT1G77510	0.6	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29208600	29208634	8	0.199	0.116	4.5E-03	AT1G77720	1.3	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29244159	29244166	4	0.263	0.113	2.9E-04	AT1G77765	-0.2	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29263593	29263612	8	0.213	0.105	9.6E-04	AT1G77815	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29263939	29263951	4	0.216	0.165	6.5E-03	AT1G77815	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29319414	29319469	6	0.192	0.192	1.8E-03	AT1G77990	-0.4	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29319486	29319497	4	0.440	0.072	3.1E-05	AT1G77990	-0.4	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29319515	29319564	10	0.208	0.112	7.2E-03	AT1G77990	-0.4	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29478439	29478460	4	0.284	0.067	5.6E-04	AT1G78360	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29769161	29769174	6	-0.293	0.071	1.7E-04	AT1G79120	0.2	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	29940334	29940353	6	0.301	0.062	2.9E-04	AT1G79570	-0.6	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	1	30253262	30253318	8	0.243	0.096	6.0E-03	AT1G80470	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	1	30253667	30253684	8	0.252	0.095	3.0E-04	AT1G80470	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	71316	71391	4	0.130	0.109	4.8E-03	AT2G01050	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	71902	71944	8	0.369	0.108	2.0E-04	AT2G01050	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	99931	99937	4	0.242	0.086	2.7E-03	AT2G01150	0.2	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	100031	100049	8	0.191	0.106	6.4E-04	AT2G01150	0.2	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	111515	111533	4	0.314	0.053	3.6E-04	AT2G01180	0.8	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	177119	177170	6	0.326	0.062	1.9E-03	AT2G01410	-0.5	6.1E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	2	277034	277048	4	0.294	0.031	5.4E-04	AT2G01620	0.3	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	293174	293210	10	0.267	0.143	5.2E-04	AT2G01660	0.9	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	299850	299871	4	0.266	0.126	4.2E-04	AT2G01670	-0.8	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	314720	314744	6	0.163	0.099	7.0E-03	AT2G01690	-0.2	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	314899	314908	4	0.327	0.217	5.9E-04	AT2G01710	-1.0	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	314920	314949	10	0.183	0.062	1.9E-03	AT2G01710	-1.0	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	402861	402875	6	0.220	0.152	6.8E-03	AT2G01900	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	424762	424769	4	0.475	0.099	1.0E-03	AT2G01918	2.4	2.2E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	2	439796	439801	4	0.231	0.118	4.6E-03	AT2G01950	0.9	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	439896	439921	4	0.241	0.062	1.3E-03	AT2G01950	0.9	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	444904	444943	6	0.184	0.095	3.2E-03	AT2G01950	0.9	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	455809	455832	8	0.233	0.116	2.5E-03	AT2G01970	0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	500001	500006	4	0.366	0.077	2.4E-05	AT2G02061	-1.9	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	500695	500712	4	-0.318	0.034	1.1E-05	AT2G02061	-1.9	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	501299	501356	10	0.229	0.096	1.9E-03	AT2G02061	-1.9	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	594311	594358	8	0.299	0.151	1.6E-03	AT2G02240	-0.7	5.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	596368	596405	6	0.250	0.179	3.4E-03	AT2G02250	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	601215	601233	6	0.256	0.091	1.8E-03	AT2G02280	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	637201	637210	4	0.303	0.073	1.6E-04	AT2G02440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	637277	637331	6	0.263	0.152	7.6E-03	AT2G02440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	641206	641235	6	0.160	0.107	5.4E-03	AT2G02440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	670336	670343	4	0.172	0.114	1.9E-03	AT2G02498	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	686771	686808	4	0.232	0.140	1.2E-03	AT2G02550	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	708085	708120	4	0.316	0.141	4.6E-03	AT2G02610	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	716039	716053	6	-0.215	0.132	3.7E-04	AT2G02620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	752583	752603	8	0.206	0.099	2.9E-03	AT2G02690	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	768673	768679	4	-0.171	0.114	3.4E-03	AT2G02740	2.2	3.1E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	780296	780380	4	0.326	0.076	5.2E-04	AT2G02770	-0.2	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	826252	826269	4	0.218	0.110	8.4E-03	AT2G02850	-2.6	1.7E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	870653	870666	4	0.292	0.035	1.0E-03	AT2G02980	0.7	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	870863	870884	6	-0.226	0.098	6.1E-04	AT2G02980	0.7	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	905337	905343	4	0.230	0.147	6.9E-03	AT2G03070	-0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	909755	909773	6	0.232	0.067	4.4E-03	AT2G03070	-0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	914196	914210	6	0.229	0.155	7.3E-03	AT2G03090	7.3	1.1E-12
5 d.p.i. <i>Pst(avr)</i>	CHH	2	915252	915272	6	0.235	0.074	2.3E-04	AT2G03090	7.3	1.1E-12
5 d.p.i. <i>Pst(avr)</i>	CHH	2	919699	919798	8	0.216	0.074	2.0E-03	AT2G03090	7.3	1.1E-12
5 d.p.i. <i>Pst(avr)</i>	CHH	2	932463	932486	6	0.195	0.138	6.8E-03	AT2G03110	0.8	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	990925	990984	16	0.169	0.104	2.9E-03	AT2G03260	-1.1	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1012668	1012721	4	0.173	0.111	2.4E-03	AT2G03330	-0.5	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1038261	1038283	4	0.179	0.158	7.7E-03	AT2G03430	0.2	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1078925	1078950	4	0.295	0.038	6.7E-04	AT2G03560	-Inf	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1086787	1086804	6	0.250	0.056	3.0E-03	AT2G03570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1093150	1093155	4	0.156	0.129	6.0E-03	AT2G03580	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1123961	1123992	12	0.166	0.102	7.6E-03	AT2G03690	0.2	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1127431	1127530	18	0.197	0.102	8.7E-03	AT2G03710	0.9	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1135501	1135513	4	0.261	0.056	1.1E-03	AT2G03720	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1194171	1194210	8	0.225	0.094	1.1E-03	AT2G03913	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1194220	1194234	4	0.201	0.118	2.9E-03	AT2G03913	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1205839	1205855	6	0.210	0.158	1.7E-03	AT2G03930	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	2	1242411	1242425	6	0.308	0.140	2.1E-03	AT2G03955	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1242442	1242448	4	-0.304	0.077	5.1E-04	AT2G03955	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1263358	1263369	4	0.327	0.085	2.2E-03	AT2G03980	-0.7	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1281495	1281501	4	0.232	0.076	1.3E-03	AT2G04030	1.0	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1288681	1288692	4	0.327	0.041	7.6E-03	AT2G04032	4.6	1.8E-10
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1333029	1333055	4	0.222	0.059	7.6E-04	AT2G04039	0.5	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1347776	1347817	8	0.193	0.110	9.9E-03	AT2G04063	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1353613	1353628	4	0.307	0.048	1.5E-04	AT2G04066	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1367833	1367859	8	-0.260	0.055	7.6E-06	AT2G04090	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1368440	1368452	4	0.180	0.197	3.8E-03	AT2G04090	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1368461	1368478	4	0.291	0.189	8.7E-04	AT2G04090	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1380484	1380493	4	-0.314	0.085	1.3E-04	AT2G04100	-4.3	2.9E-10
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1403860	1403921	6	0.161	0.092	1.3E-03	AT2G04160	-1.7	1.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1410008	1410029	6	0.203	0.098	1.6E-03	AT2G04160	-1.7	1.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1442425	1442440	6	0.209	0.096	9.8E-04	AT2G04220	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1460095	1460124	6	0.304	0.141	9.3E-03	AT2G04240	0.7	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1460318	1460331	4	0.323	0.163	3.0E-03	AT2G04240	0.7	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1466553	1466581	8	-0.220	0.079	4.5E-03	AT2G04240	0.7	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1504489	1504506	6	0.216	0.130	3.7E-04	AT2G04305	-0.4	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1545928	1545986	4	0.214	0.081	8.3E-03	AT2G04450	-0.9	1.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1552821	1552843	6	0.178	0.101	2.0E-03	AT2G04480	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1585262	1585281	6	0.178	0.090	8.4E-03	AT2G04540	0.0	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1593229	1593238	4	0.289	0.069	1.7E-03	AT2G04560	0.1	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1596964	1596984	6	0.253	0.104	4.2E-03	AT2G04570	5.1	2.0E-16
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1597179	1597203	4	0.350	0.139	7.4E-04	AT2G04570	5.1	2.0E-16
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1615517	1615542	4	0.415	0.175	8.7E-04	AT2G04622	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1616967	1616996	6	0.295	0.057	5.9E-04	AT2G04622	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1617449	1617487	4	0.302	0.080	9.0E-03	AT2G04630	0.0	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1617675	1617694	6	0.326	0.119	9.9E-03	AT2G04630	0.0	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1629711	1629721	4	0.350	0.120	3.6E-03	AT2G04660	-0.1	8.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1639159	1639230	8	0.326	0.074	1.7E-04	AT2G04675	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1653752	1653792	6	0.075	0.111	9.5E-03	AT2G04740	-0.4	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1653969	1654026	4	0.253	0.146	3.1E-03	AT2G04740	-0.4	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1681436	1681445	4	0.176	0.134	7.9E-03	AT2G04795	-2.1	4.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1681470	1681490	8	0.224	0.140	1.5E-03	AT2G04795	-2.1	4.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1691610	1691652	10	0.128	0.082	1.3E-03	AT2G04810	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1692117	1692125	4	0.288	0.074	6.7E-03	AT2G04830	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1695989	1695995	4	0.254	0.050	4.5E-04	AT2G04830	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1696014	1696031	4	0.208	0.142	7.9E-03	AT2G04830	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1702087	1702101	6	0.234	0.201	1.9E-03	AT2G04842	0.5	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1709654	1709672	6	0.248	0.072	4.4E-04	AT2G04860	-0.3	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1716803	1716850	16	0.280	0.152	4.0E-04	AT2G04870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1735994	1736029	8	0.229	0.099	1.4E-03	AT2G04930	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1801857	1801901	14	0.195	0.100	3.3E-04	AT2G05070	2.9	1.1E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1819705	1819752	6	0.239	0.117	9.0E-03	AT2G05100	1.5	6.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1857850	1857857	4	-0.384	0.069	1.2E-04	AT2G05140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1857864	1857871	4	-0.476	0.089	2.9E-04	AT2G05140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1858403	1858432	4	0.325	0.116	3.0E-03	AT2G05160	0.8	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1865843	1865919	6	0.236	0.170	1.8E-03	AT2G05160	0.8	1.5E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	2	1879875	1879930	8	0.146	0.135	9.3E-03	AT2G05185	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1881637	1881661	10	0.224	0.129	3.5E-03	AT2G05185	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1887020	1887048	4	0.245	0.130	6.8E-03	AT2G05210	1.8	1.7E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1899246	1899257	4	0.300	0.060	7.8E-04	AT2G05220	1.6	1.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1912620	1912641	4	0.227	0.100	3.7E-03	AT2G05250	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1912918	1912925	4	0.169	0.092	8.3E-03	AT2G05250	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1948461	1948471	6	0.304	0.064	6.7E-05	AT2G05350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1951839	1951889	6	0.283	0.104	7.3E-03	AT2G05350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1956730	1956753	4	0.160	0.122	5.6E-03	AT2G05360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1958194	1958249	6	0.167	0.136	9.5E-03	AT2G05360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1968394	1968447	20	0.308	0.107	2.4E-04	AT2G05380	-2.2	3.6E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1971196	1971326	10	-0.113	0.189	2.3E-03	AT2G05400	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	1982798	1982894	36	0.182	0.113	1.5E-03	AT2G05420	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2010815	2010822	4	0.255	0.137	9.9E-03	AT2G05500	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2018408	2018412	4	0.195	0.085	5.6E-03	AT2G05510	-Inf	7.3E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2022269	2022368	20	0.149	0.069	1.9E-03	AT2G05520	0.7	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2066665	2066694	6	0.221	0.108	3.7E-04	AT2G05590	0.3	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2078185	2078209	6	-0.189	0.078	5.0E-03	AT2G05620	-0.4	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2078484	2078526	6	0.161	0.148	2.1E-03	AT2G05620	-0.4	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2079504	2079610	12	0.203	0.125	7.6E-03	AT2G05620	-0.4	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2105070	2105166	6	0.182	0.134	6.1E-03	AT2G05645	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2138848	2138862	4	-0.193	0.109	9.3E-04	AT2G05710	-1.1	9.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2197239	2197258	4	0.251	0.107	1.3E-03	AT2G05786	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2213633	2213819	10	0.188	0.120	4.7E-04	AT2G05810	3.3	1.1E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2228133	2228150	4	-0.252	0.127	1.4E-04	AT2G05830	0.5	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2232365	2232370	4	0.242	0.065	2.6E-03	AT2G05840	-0.6	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2240742	2240796	14	0.222	0.147	3.1E-03	AT2G05850	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2274554	2274570	4	0.358	0.182	1.2E-03	AT2G05920	0.7	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2312294	2312326	10	0.236	0.092	6.6E-03	AT2G05970	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2321528	2321551	8	0.220	0.092	2.8E-04	AT2G05990	1.6	5.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2321761	2321786	10	0.206	0.074	4.6E-03	AT2G05990	1.6	5.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2378750	2378763	4	0.199	0.136	3.0E-03	AT2G06095	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2407097	2407114	6	0.210	0.064	1.7E-04	AT2G06166	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2409383	2409417	4	-0.276	0.155	3.6E-03	AT2G06166	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2422317	2422355	6	0.255	0.108	7.9E-03	AT2G06200	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2461000	2461006	4	-0.318	0.192	6.9E-03	AT2G06255	-2.9	1.2E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2538511	2538544	4	0.294	0.102	7.4E-03	AT2G06420	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2540510	2540596	10	0.226	0.106	1.4E-03	AT2G06420	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2582549	2582556	4	0.200	0.093	5.5E-03	AT2G06500	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2584155	2584169	4	0.309	0.059	1.2E-03	AT2G06510	-0.4	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2590932	2590956	6	0.317	0.085	1.0E-03	AT2G06530	-0.4	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2592014	2592025	6	0.250	0.100	5.6E-03	AT2G06530	-0.4	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2602800	2602829	4	0.317	0.198	7.5E-03	AT2G06555	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2604576	2604589	4	0.288	0.088	7.0E-03	AT2G06555	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2605769	2605776	6	0.364	0.074	2.2E-03	AT2G06555	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2620515	2620539	4	0.385	0.061	5.8E-03	AT2G06570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2627759	2627776	4	-0.391	0.126	1.2E-03	AT2G06570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2654019	2654037	6	-0.194	0.133	3.2E-03	AT2G06645	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2655889	2655894	4	0.372	0.068	8.4E-05	AT2G06667	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	2	2663060	2663086	4	0.324	0.052	1.3E-03	AT2G06667	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2809986	2810070	10	-0.268	0.162	2.2E-03	AT2G06906	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2817398	2817417	4	0.185	0.150	1.6E-03	AT2G06908	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2840589	2840603	4	0.287	0.076	5.6E-03	AT2G06925	2.8	2.5E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2844199	2844270	16	0.153	0.090	4.0E-03	AT2G06925	2.8	2.5E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2844326	2844343	6	0.194	0.084	1.4E-03	AT2G06925	2.8	2.5E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2873240	2873270	4	0.286	0.092	2.4E-03	AT2G06960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2892808	2892839	4	-0.194	0.113	3.2E-03	AT2G06990	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2912359	2912382	4	0.375	0.062	1.1E-04	AT2G07020	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2980144	2980157	4	0.191	0.130	5.7E-03	AT2G07180	-1.4	1.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2980395	2980504	8	0.189	0.153	1.7E-03	AT2G07180	-1.4	1.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2984173	2984187	6	0.286	0.135	2.4E-03	AT2G07180	-1.4	1.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	2985721	2985802	20	0.254	0.142	8.2E-03	AT2G07190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3010572	3010672	6	0.147	0.110	9.3E-03	AT2G07240	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3014325	3014345	4	0.295	0.034	2.9E-04	AT2G07240	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3014369	3014376	4	0.360	0.185	1.4E-03	AT2G07240	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3015554	3015658	10	0.202	0.130	6.3E-03	AT2G07240	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3223465	3223499	4	0.328	0.186	5.1E-03	AT2G07640	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3224589	3224608	4	-0.245	0.136	7.8E-03	AT2G07640	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3224632	3224755	10	-0.163	0.160	7.2E-03	AT2G07640	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3433994	3434045	8	0.210	0.110	1.1E-03	AT2G07719	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3453675	3453710	4	-0.208	0.164	7.0E-03	AT2G07728	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3459482	3459507	6	0.205	0.125	7.0E-03	AT2G07820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3497434	3497491	8	0.211	0.106	3.7E-03	AT2G07739	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3513243	3513253	4	0.349	0.077	2.0E-03	AT2G07680	0.4	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3517346	3517387	6	0.193	0.157	4.2E-03	AT2G07680	0.4	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3528208	3528232	10	0.461	0.078	1.2E-05	AT2G07690	1.1	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3531392	3531403	6	0.296	0.074	8.0E-03	AT2G07690	1.1	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3646424	3646502	6	0.199	0.155	9.0E-03	AT2G09388	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3652690	3652747	6	0.209	0.160	7.1E-03	AT2G09388	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3796304	3796314	4	0.422	0.106	3.0E-03	AT2G10020	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	3934538	3934585	4	0.278	0.098	4.7E-03	AT2G10260	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4078038	4078052	6	0.332	0.120	2.3E-03	AT2G10535	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4079538	4079549	4	0.249	0.090	3.6E-03	AT2G10535	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4080868	4080886	6	0.163	0.110	1.3E-03	AT2G10535	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4086551	4086565	4	0.322	0.045	1.4E-04	AT2G10535	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4145460	4145479	6	-0.136	0.102	7.8E-03	AT2G10608	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4303071	4303087	4	0.266	0.099	1.3E-04	AT2G10930	-2.5	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4307559	4307569	4	0.265	0.100	2.5E-03	AT2G10931	-0.5	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4315035	4315046	4	0.278	0.041	7.3E-05	AT2G10950	-0.3	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4331498	4331517	8	0.246	0.107	1.3E-03	AT2G10970	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4331679	4331711	6	0.197	0.133	5.9E-03	AT2G10970	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4336710	4336791	4	-0.182	0.133	5.4E-03	AT2G10975	1.3	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4350066	4350092	4	0.276	0.041	3.8E-03	AT2G11005	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4351945	4351975	12	0.333	0.076	4.8E-03	AT2G11005	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4359113	4359158	6	0.301	0.226	2.3E-03	AT2G11010	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4368849	4368899	4	0.291	0.205	7.2E-03	AT2G11015	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4450811	4450833	6	0.324	0.127	3.4E-03	AT2G11200	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4450835	4450840	4	0.268	0.049	4.4E-04	AT2G11200	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	2	4592886	4592927	4	0.280	0.068	5.5E-03	AT2G11462	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4618049	4618059	4	0.192	0.126	9.5E-04	AT2G11520	-0.4	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4618084	4618100	6	0.176	0.120	9.1E-03	AT2G11520	-0.4	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4623260	4623272	6	0.300	0.117	4.7E-03	AT2G11522	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4664205	4664262	6	0.185	0.237	5.6E-03	AT2G11626	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4731154	4731200	6	0.230	0.238	7.2E-03	AT2G11778	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4790093	4790165	4	0.166	0.117	9.0E-03	AT2G11851	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4799239	4799268	4	0.387	0.045	9.5E-04	AT2G11890	0.3	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4808031	4808097	14	0.263	0.136	2.4E-03	AT2G11910	0.9	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4810085	4810112	6	-0.204	0.159	7.2E-03	AT2G11910	0.9	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4893950	4894007	10	0.227	0.158	4.0E-03	AT2G12190	1.0	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	4927668	4927697	4	0.241	0.096	3.6E-03	AT2G12290	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5009195	5009206	6	-0.252	0.108	1.1E-03	AT2G12400	3.8	1.8E-14
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5010605	5010620	4	0.286	0.184	2.4E-03	AT2G12405	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5057763	5057826	12	0.223	0.139	1.7E-03	AT2G12465	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5112664	5112698	6	0.252	0.143	4.7E-04	AT2G12550	-0.8	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5113903	5113911	4	0.404	0.050	7.7E-06	AT2G12550	-0.8	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5172951	5172985	6	0.178	0.074	8.7E-03	AT2G12646	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5494468	5494527	8	0.123	0.098	7.6E-03	AT2G13272	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5497466	5497491	4	0.139	0.112	1.9E-03	AT2G13272	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5533588	5533595	4	0.319	0.135	3.6E-03	AT2G13350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5537837	5537848	4	0.270	0.101	7.2E-03	AT2G13350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5537852	5537861	4	0.180	0.128	9.8E-03	AT2G13350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5560339	5560364	6	0.165	0.130	1.2E-03	AT2G13370	-0.9	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5586200	5586217	8	0.269	0.108	7.0E-03	AT2G13422	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5588740	5588755	6	0.213	0.111	7.0E-03	AT2G13422	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5589990	5590027	14	0.184	0.119	1.2E-03	AT2G13430	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5598479	5598485	4	0.436	0.120	6.8E-05	AT2G13450	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5598501	5598521	8	0.503	0.080	1.1E-05	AT2G13450	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5602209	5602214	4	-0.284	0.167	1.2E-03	AT2G13450	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5603558	5603571	4	0.313	0.172	1.7E-03	AT2G13450	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5607458	5607493	12	0.181	0.137	3.1E-04	AT2G13463	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5610795	5610806	4	0.254	0.068	4.8E-03	AT2G13463	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5613202	5613239	6	0.196	0.095	7.7E-03	AT2G13463	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5628701	5628743	4	-0.325	0.099	6.0E-03	AT2G13500	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5634792	5634833	6	0.257	0.108	9.6E-04	AT2G13540	0.1	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5646048	5646070	4	0.164	0.141	7.8E-03	AT2G13547	-1.4	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5656864	5656898	8	0.256	0.068	3.9E-03	AT2G13570	Inf	3.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5656918	5656969	16	0.235	0.155	4.4E-04	AT2G13570	Inf	3.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5671068	5671081	4	0.257	0.188	8.6E-03	AT2G13600	0.6	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5719120	5719175	6	0.199	0.168	7.8E-03	AT2G13720	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5739833	5739916	12	0.272	0.131	3.7E-04	AT2G13790	0.1	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5752269	5752297	10	0.155	0.115	5.4E-03	AT2G13800	-0.4	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5764662	5764729	4	-0.230	0.174	3.9E-03	AT2G13810	-1.3	6.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5764749	5764779	6	0.307	0.191	8.2E-03	AT2G13810	-1.3	6.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5781129	5781155	8	0.125	0.092	9.5E-03	AT2G13820	4.9	1.4E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5794416	5794452	4	0.272	0.076	3.8E-03	AT2G13840	-0.6	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5837231	5837247	4	0.307	0.130	1.8E-03	AT2G13900	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5852567	5852599	6	0.157	0.127	1.1E-03	AT2G13950	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	2	5861318	5861341	6	0.253	0.210	2.5E-03	AT2G13960	-0.9	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5887499	5887531	8	0.227	0.120	9.4E-04	AT2G14000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5902697	5902720	4	0.312	0.063	3.1E-03	AT2G14045	-0.4	5.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	5950418	5950433	8	0.154	0.107	6.0E-03	AT2G14110	-0.1	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6016654	6016661	4	0.339	0.046	4.5E-04	AT2G14206	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6059813	6059831	6	0.288	0.078	2.8E-04	AT2G14290	0.9	4.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6089107	6089125	4	0.174	0.098	9.7E-03	AT2G14365	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6100823	6100835	4	0.292	0.119	1.8E-03	AT2G14378	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6100925	6100964	10	0.293	0.090	5.9E-04	AT2G14378	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6101555	6101561	4	0.498	0.082	8.8E-05	AT2G14378	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6101974	6101981	4	0.307	0.028	7.9E-03	AT2G14378	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6150005	6150023	4	-0.263	0.078	6.2E-03	AT2G14460	0.5	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6158661	6158681	4	0.249	0.050	4.4E-03	AT2G14460	0.5	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6173635	6173664	10	0.229	0.139	2.6E-03	AT2G14510	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6180427	6180460	10	0.181	0.123	6.9E-03	AT2G14520	3.9	9.1E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6180645	6180682	10	0.274	0.083	4.9E-03	AT2G14520	3.9	9.1E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6198130	6198219	4	-0.154	0.104	5.4E-03	AT2G14540	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6224204	6224230	4	0.238	0.144	3.5E-03	AT2G14580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6227892	6227908	6	0.366	0.092	9.5E-04	AT2G14580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6229389	6229473	8	0.134	0.107	3.1E-03	AT2G14580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6248947	6248957	4	0.261	0.136	2.9E-03	AT2G14620	-3.0	3.2E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6250087	6250101	6	0.346	0.171	9.6E-05	AT2G14635	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6276906	6276928	8	0.279	0.149	2.5E-03	AT2G14670	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6296415	6296438	8	0.189	0.069	7.5E-03	AT2G14710	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6321156	6321204	12	0.132	0.104	2.3E-03	AT2G14760	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6366424	6366445	4	0.284	0.154	4.5E-03	AT2G14835	0.0	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6380367	6380374	6	0.224	0.112	2.1E-03	AT2G14846	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6390619	6390644	4	0.349	0.110	1.2E-03	AT2G14870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6391859	6391934	12	0.124	0.101	9.0E-04	AT2G14870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6403729	6403783	10	0.183	0.111	7.7E-03	AT2G14900	0.6	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6405845	6405854	4	-0.142	0.120	7.2E-03	AT2G14900	0.6	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6410215	6410220	4	-0.251	0.048	6.8E-05	AT2G14910	-0.6	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6411201	6411214	4	0.215	0.119	2.1E-03	AT2G14910	-0.6	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6415992	6416010	4	0.251	0.035	2.0E-03	AT2G14920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6430627	6430687	14	0.199	0.105	2.9E-04	AT2G14935	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6450790	6450794	4	0.291	0.047	4.7E-04	AT2G14960	Inf	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6493931	6493943	4	0.169	0.099	5.1E-03	AT2G15020	-1.6	1.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6497932	6497963	6	-0.130	0.113	4.6E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6498073	6498085	4	0.367	0.049	4.0E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6498087	6498107	6	0.343	0.204	3.6E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6498894	6498901	4	-0.489	0.130	1.1E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6499335	6499347	6	0.238	0.088	6.0E-03	AT2G15025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6521940	6521995	4	0.251	0.092	2.0E-03	AT2G15050	3.9	3.4E-16
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6522067	6522113	4	-0.276	0.163	2.4E-03	AT2G15050	3.9	3.4E-16
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6532372	6532550	20	0.218	0.124	6.0E-03	AT2G15080	-1.3	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6607849	6607885	6	0.256	0.184	8.3E-03	AT2G15220	-0.8	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6629429	6629449	6	0.335	0.122	3.9E-05	AT2G15260	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6636596	6636607	4	0.253	0.083	4.5E-04	AT2G15270	-0.1	8.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6659887	6659899	4	0.331	0.194	2.7E-03	AT2G15318	Inf	4.3E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	2	6660006	6660034	10	0.213	0.121	6.9E-03	AT2G15318	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6661854	6661867	4	0.383	0.112	7.0E-04	AT2G15318	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6661870	6661901	6	0.221	0.052	7.0E-04	AT2G15318	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6663035	6663074	14	0.272	0.112	5.5E-03	AT2G15318	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6663967	6664007	10	0.381	0.081	2.9E-04	AT2G15318	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6674529	6674586	14	0.221	0.125	5.0E-03	AT2G15327	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6680336	6680377	14	0.218	0.071	2.6E-03	AT2G15340	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6681694	6681802	12	0.182	0.071	4.0E-03	AT2G15345	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6701287	6701302	4	-0.187	0.134	5.9E-03	AT2G15370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6714921	6714998	22	0.151	0.092	7.5E-03	AT2G15400	1.6	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6717130	6717137	4	0.333	0.026	8.3E-03	AT2G15400	1.6	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6717667	6717679	4	0.384	0.161	6.1E-03	AT2G15400	1.6	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6733056	6733061	4	0.207	0.090	9.5E-03	AT2G15430	0.3	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6749884	6749895	4	0.276	0.058	4.9E-03	AT2G15460	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6753355	6753359	4	-0.364	0.056	1.3E-05	AT2G15470	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6765535	6765543	4	0.212	0.107	5.6E-03	AT2G15500	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6770531	6770563	4	0.225	0.116	8.1E-03	AT2G15530	0.3	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6790578	6790584	4	0.315	0.090	1.9E-05	AT2G15560	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6826654	6826701	12	0.163	0.109	1.2E-03	AT2G15660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6830321	6830326	4	-0.252	0.040	1.2E-05	AT2G15680	0.5	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6830615	6830624	4	0.262	0.132	3.9E-03	AT2G15680	0.5	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6840469	6840514	4	0.153	0.164	5.6E-03	AT2G15710	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6844376	6844386	4	0.294	0.151	7.7E-03	AT2G15710	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6861126	6861133	4	0.267	0.070	1.1E-04	AT2G15740	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6873211	6873228	4	0.311	0.119	3.1E-04	AT2G15770	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6881282	6881312	6	0.325	0.116	1.7E-03	AT2G15790	0.0	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6885109	6885126	4	0.318	0.105	8.3E-03	AT2G15790	0.0	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6939038	6939067	8	0.221	0.173	1.6E-03	AT2G15930	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6945149	6945152	4	0.265	0.090	1.5E-04	AT2G15960	-0.5	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6946404	6946409	4	-0.268	0.056	6.2E-05	AT2G15960	-0.5	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6970842	6970901	6	0.152	0.089	8.1E-03	AT2G16016	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6973192	6973224	6	0.246	0.094	2.7E-03	AT2G16019	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	6973235	6973245	4	0.261	0.135	7.7E-03	AT2G16019	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7057135	7057148	6	-0.250	0.144	3.4E-03	AT2G16290	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7080817	7080938	6	0.212	0.238	2.5E-03	AT2G16360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7112898	7112932	6	0.255	0.147	4.5E-03	AT2G16405	-0.5	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7154700	7154718	6	0.371	0.153	5.8E-03	AT2G16505	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7178436	7178507	18	0.172	0.095	3.7E-03	AT2G16570	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7206458	7206465	4	0.412	0.089	2.5E-04	AT2G16620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7207256	7207269	6	0.269	0.121	3.0E-03	AT2G16620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7207272	7207282	4	0.290	0.027	1.4E-04	AT2G16620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7232175	7232184	4	0.323	0.032	8.8E-03	AT2G16676	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7241907	7241916	4	0.304	0.068	7.0E-03	AT2G16700	-0.5	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7246654	7246691	12	0.201	0.086	5.8E-03	AT2G16710	-0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7247443	7247460	8	0.193	0.107	3.4E-03	AT2G16710	-0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7351397	7351463	8	0.445	0.189	4.4E-04	AT2G16950	-0.5	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7352438	7352498	4	0.187	0.108	6.0E-03	AT2G16950	-0.5	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7364154	7364163	4	0.344	0.063	5.7E-04	AT2G16960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7371372	7371381	6	0.285	0.150	1.4E-03	AT2G16970	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	2	7374635	7374651	4	0.360	0.098	2.7E-04	AT2G16970	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7374703	7374723	6	0.278	0.051	1.4E-03	AT2G16970	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7418765	7418805	8	0.178	0.146	7.3E-03	AT2G17055	-1.9	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7421139	7421174	12	0.237	0.117	9.4E-04	AT2G17060	0.2	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7441915	7441934	4	0.249	0.176	6.8E-04	AT2G17110	-1.2	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7503936	7503960	10	0.243	0.099	8.3E-03	AT2G17260	-0.9	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7504095	7504111	6	0.224	0.131	8.6E-03	AT2G17260	-0.9	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7540387	7540399	6	0.240	0.090	6.9E-03	AT2G17340	0.0	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7650642	7650651	4	-0.286	0.153	1.5E-03	AT2G17590	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7708519	7708539	10	0.206	0.123	3.3E-03	AT2G17740	-4.8	4.9E-23
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7720632	7720662	8	0.251	0.086	4.5E-03	AT2G17770	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7721461	7721514	12	0.252	0.131	6.8E-03	AT2G17770	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7781859	7781895	6	0.220	0.128	1.2E-03	AT2G17920	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7813639	7813683	10	0.391	0.120	4.2E-03	AT2G17960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7813992	7814018	8	0.384	0.058	2.7E-04	AT2G17960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7814230	7814321	4	0.301	0.080	7.3E-04	AT2G17960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7856168	7856199	8	0.340	0.134	4.4E-04	AT2G18080	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7886845	7886893	12	0.160	0.112	4.1E-03	AT2G18140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7905170	7905191	4	-0.198	0.091	8.0E-03	AT2G18170	-0.8	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7907452	7907459	4	0.304	0.051	1.9E-05	AT2G18170	-0.8	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	7956374	7956382	6	-0.232	0.082	6.2E-04	AT2G18320	Inf	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8028851	8028863	6	0.371	0.111	5.8E-04	AT2G18500	Inf	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8061450	8061458	4	-0.307	0.211	8.5E-04	AT2G18570	1.1	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8076059	8076081	6	0.194	0.117	7.7E-04	AT2G18600	-0.8	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8077700	8077714	6	0.291	0.138	7.2E-03	AT2G18610	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8092163	8092170	4	0.462	0.056	1.2E-04	AT2G18660	-0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8092193	8092221	4	0.278	0.149	5.0E-03	AT2G18660	-0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8100506	8100510	4	0.308	0.050	5.1E-04	AT2G18690	-1.3	7.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8166883	8166911	4	0.257	0.092	2.9E-03	AT2G18870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8201166	8201199	8	0.263	0.151	5.9E-03	AT2G18938	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8201252	8201265	4	0.258	0.057	5.5E-04	AT2G18938	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8236291	8236301	4	0.266	0.063	3.6E-03	AT2G18980	-2.1	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8236326	8236333	4	0.375	0.117	6.4E-04	AT2G18980	-2.1	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8236668	8236687	6	0.335	0.075	9.1E-05	AT2G18980	-2.1	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8237042	8237049	4	0.359	0.068	6.0E-06	AT2G18980	-2.1	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8276703	8276716	4	0.274	0.114	1.9E-03	AT2G19110	-0.3	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8420551	8420576	4	0.292	0.067	3.6E-03	AT2G19440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8538025	8538033	4	-0.195	0.163	6.2E-03	AT2G19802	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8554943	8554948	4	-0.364	0.152	3.9E-03	AT2G19820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8575252	8575287	8	0.178	0.110	1.8E-03	AT2G19870	0.5	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8578928	8578944	4	0.216	0.118	3.4E-03	AT2G19880	-0.5	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8579095	8579104	4	0.352	0.081	2.5E-03	AT2G19880	-0.5	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8765509	8765528	6	-0.214	0.063	1.5E-03	AT2G20320	-1.6	5.7E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8817732	8817741	4	0.175	0.143	7.1E-03	AT2G20453	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8854623	8854641	4	0.198	0.097	6.8E-03	AT2G20570	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8855187	8855200	4	0.284	0.093	7.3E-03	AT2G20570	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8883986	8884016	4	0.344	0.154	8.7E-03	AT2G20613	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8884148	8884164	4	0.361	0.052	1.0E-03	AT2G20613	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8894127	8894200	10	0.181	0.131	2.4E-03	AT2G20620	Inf	6.8E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	2	8895133	8895141	4	0.360	0.098	2.1E-03	AT2G20620	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8914568	8914622	6	0.196	0.087	6.8E-03	AT2G20670	-1.2	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8917350	8917367	8	0.226	0.064	5.2E-03	AT2G20680	2.0	1.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8939425	8939468	6	0.161	0.092	6.5E-04	AT2G20750	Inf	8.2E-19
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8997718	8997733	6	-0.411	0.206	1.7E-03	AT2G20920	-0.7	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	8998167	8998177	4	0.244	0.072	2.5E-03	AT2G20920	-0.7	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9063953	9063995	12	0.306	0.124	3.4E-03	AT2G21150	-0.2	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9091896	9091910	6	0.416	0.187	1.4E-04	AT2G21220	Inf	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9161806	9161828	4	0.308	0.191	9.1E-04	AT2G21410	-0.2	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9312924	9312936	4	0.294	0.055	1.2E-03	AT2G21850	-1.7	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9330765	9330774	4	0.244	0.101	1.4E-03	AT2G21890	1.2	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9350254	9350265	6	0.166	0.126	5.3E-03	AT2G21940	-0.5	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9379122	9379157	12	0.143	0.107	2.3E-03	AT2G22055	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9425461	9425466	4	0.284	0.134	9.6E-04	AT2G22160	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9432231	9432253	4	0.267	0.093	7.2E-03	AT2G22180	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9455266	9455289	8	0.176	0.144	1.0E-03	AT2G22241	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9486775	9486786	4	0.195	0.083	4.9E-03	AT2G22330	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9496999	9497009	4	-0.348	0.125	1.6E-03	AT2G22360	0.7	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9529425	9529435	4	-0.167	0.087	9.9E-03	AT2G22440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9530068	9530098	6	0.211	0.115	6.9E-03	AT2G22450	0.2	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9584671	9584677	4	0.289	0.105	3.4E-03	AT2G22560	-1.7	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9633550	9633554	4	0.327	0.090	2.3E-03	AT2G22670	2.6	5.0E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9635055	9635071	4	0.239	0.130	5.7E-03	AT2G22670	2.6	5.0E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9692526	9692582	4	0.263	0.192	4.1E-03	AT2G22780	-0.6	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9797473	9797487	4	0.287	0.201	4.6E-03	AT2G23010	1.3	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9850509	9850514	4	0.450	0.082	1.5E-04	AT2G23142	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9852185	9852214	10	0.239	0.089	5.5E-04	AT2G23148	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9855380	9855388	4	0.257	0.054	2.6E-03	AT2G23149	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9860442	9860447	4	0.243	0.133	7.8E-03	AT2G23150	-1.9	1.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9860452	9860467	4	0.260	0.070	9.5E-04	AT2G23150	-1.9	1.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	9885381	9885387	4	0.279	0.081	2.0E-04	AT2G23220	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10018534	10018592	14	0.210	0.162	3.1E-04	AT2G23520	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10036569	10036574	4	0.364	0.154	2.9E-04	AT2G23590	1.1	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10036603	10036629	8	0.282	0.163	4.8E-04	AT2G23590	1.1	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10037933	10037940	4	0.383	0.049	9.8E-04	AT2G23590	1.1	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10040634	10040670	6	0.258	0.142	1.4E-03	AT2G23600	0.5	5.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10070898	10070903	4	0.388	0.073	3.6E-04	AT2G23690	2.5	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10114463	10114495	6	0.278	0.090	2.0E-04	AT2G23760	0.1	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10143212	10143219	4	0.261	0.061	4.3E-04	AT2G23830	-Inf	2.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10181216	10181304	6	0.238	0.096	3.4E-04	AT2G23920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10255477	10255484	4	0.240	0.114	9.8E-03	AT2G24120	1.1	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10255575	10255584	4	-0.177	0.120	9.5E-03	AT2G24120	1.1	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10407838	10407866	4	0.294	0.091	1.6E-03	AT2G24513	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10413716	10413726	4	0.285	0.161	3.3E-03	AT2G24520	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10465731	10465746	6	0.269	0.148	3.1E-03	AT2G24620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10729613	10729624	4	0.262	0.124	5.4E-04	AT2G25185	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10797001	10797015	4	0.267	0.133	4.5E-03	AT2G25350	-0.6	4.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10797065	10797091	4	0.266	0.130	2.6E-03	AT2G25350	-0.6	4.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10932235	10932241	4	0.243	0.075	8.8E-04	AT2G25670	-0.3	5.3E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	2	10973174	10973181	4	-0.187	0.111	6.3E-03	AT2G25730	-0.2	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10973300	10973306	6	0.241	0.108	9.8E-03	AT2G25730	-0.2	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	10996977	10996990	4	0.304	0.157	4.7E-03	AT2G25780	-3.1	2.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11043283	11043313	10	0.196	0.133	1.7E-03	AT2G25900	1.5	1.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11056399	11056464	16	0.199	0.062	2.4E-03	AT2G25920	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11183516	11183537	6	0.232	0.127	2.4E-03	AT2G26267	2.9	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11216983	11217007	4	0.305	0.095	3.6E-03	AT2G26340	0.4	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11266098	11266113	4	0.186	0.103	4.9E-04	AT2G26490	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11285747	11285763	6	0.286	0.127	9.0E-04	AT2G26530	0.4	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11286140	11286152	4	0.275	0.072	9.3E-03	AT2G26530	0.4	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11315664	11315683	6	0.380	0.047	7.7E-06	AT2G26590	-0.4	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11373090	11373098	4	0.250	0.050	1.7E-03	AT2G26700	1.9	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11386960	11386974	4	0.201	0.203	7.8E-03	AT2G26730	1.3	3.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11428805	11428818	6	0.253	0.125	1.2E-03	AT2G26790	-0.4	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11503754	11503762	6	0.301	0.051	6.1E-05	AT2G26950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11503777	11503791	4	0.220	0.090	7.0E-03	AT2G26950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11508830	11508866	14	0.298	0.111	1.0E-03	AT2G26960	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11544840	11544937	26	0.228	0.106	1.6E-03	AT2G27050	-0.2	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11549939	11549959	6	0.380	0.104	4.1E-04	AT2G27060	1.7	2.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11597846	11597874	4	0.228	0.079	4.1E-03	AT2G27140	2.7	1.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11645935	11645947	4	0.222	0.141	5.9E-03	AT2G27229	-1.1	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11739924	11739928	4	-0.310	0.124	2.5E-03	AT2G27450	0.4	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11740084	11740102	6	0.316	0.202	1.3E-03	AT2G27450	0.4	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11740106	11740112	4	0.351	0.064	3.9E-04	AT2G27450	0.4	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11762601	11762625	10	0.119	0.097	6.1E-03	AT2G27520	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11952719	11952733	4	0.242	0.086	7.4E-04	AT2G28060	-0.1	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	11952786	11952792	4	0.392	0.066	1.0E-03	AT2G28060	-0.1	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12144526	12144641	6	0.218	0.120	9.7E-03	AT2G28390	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12202466	12202514	12	0.234	0.137	4.6E-03	AT2G28510	0.4	8.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12320536	12320545	4	0.228	0.049	2.6E-03	AT2G28700	-0.7	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12409994	12410024	6	0.244	0.208	2.9E-03	AT2G28890	-0.3	7.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12556177	12556200	4	0.364	0.139	3.2E-03	AT2G29210	-0.5	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12659800	12659879	10	0.154	0.136	5.2E-03	AT2G29605	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12708963	12708996	4	0.337	0.216	1.6E-03	AT2G29750	0.9	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12725491	12725498	4	0.330	0.039	6.1E-04	AT2G29800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12725560	12725599	14	0.182	0.116	1.8E-03	AT2G29800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12733233	12733270	6	-0.265	0.218	6.0E-03	AT2G29840	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12740194	12740205	4	0.642	0.116	7.6E-06	AT2G29870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12754020	12754045	8	0.191	0.097	5.5E-03	AT2G29920	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12780910	12780936	6	0.383	0.088	1.9E-05	AT2G29980	4.1	1.6E-18
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12802813	12802844	4	-0.323	0.110	2.0E-03	AT2G30000	-0.4	8.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12802926	12802949	4	0.173	0.104	3.0E-03	AT2G30000	-0.4	8.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12811884	12811907	6	0.296	0.107	4.3E-03	AT2G30020	0.6	2.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12833686	12833696	4	0.219	0.073	4.0E-03	AT2G30070	1.7	3.8E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12833721	12833729	4	0.337	0.093	4.5E-04	AT2G30070	1.7	3.8E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	12877013	12877019	4	-0.256	0.103	8.4E-03	AT2G30160	-0.3	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13064562	13064573	4	0.266	0.125	1.8E-03	AT2G30660	-4.1	4.9E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13160428	13160463	10	0.192	0.087	3.1E-03	AT2G30920	0.3	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13160848	13160873	4	0.324	0.064	1.2E-03	AT2G30920	0.3	7.6E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	2	13211354	13211366	6	0.208	0.162	1.2E-03	AT2G31040	2.0	2.2E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13223086	13223093	4	0.222	0.122	8.9E-03	AT2G31070	-0.3	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13310598	13310631	8	0.260	0.167	1.8E-03	AT2G31230	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13336698	13336704	4	0.300	0.092	2.6E-03	AT2G31280	-1.1	7.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13336749	13336777	8	0.304	0.112	5.2E-05	AT2G31280	-1.1	7.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13404587	13404652	6	-0.181	0.118	4.1E-03	AT2G31460	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13560239	13560279	6	0.189	0.135	9.4E-03	AT2G31890	0.3	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	13661358	13661452	16	0.242	0.125	1.7E-03	AT2G32160	-0.7	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14333809	14333850	4	0.368	0.032	3.7E-04	AT2G33870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14335384	14335391	4	0.424	0.172	2.1E-03	AT2G33870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14335392	14335412	6	0.464	0.176	1.3E-04	AT2G33870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14404007	14404110	12	0.170	0.134	6.3E-03	AT2G34100	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14404277	14404317	4	0.289	0.137	2.6E-03	AT2G34100	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14554956	14554994	8	0.145	0.090	8.7E-03	AT2G34555	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14595017	14595025	4	-0.260	0.079	1.1E-03	AT2G34655	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14595283	14595302	4	0.250	0.096	1.0E-03	AT2G34655	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14636671	14636685	6	0.234	0.131	2.9E-03	AT2G34700	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14683494	14683507	4	0.226	0.103	7.3E-03	AT2G34800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14810909	14810929	6	0.230	0.086	2.1E-03	AT2G35130	1.0	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14860725	14860750	6	0.147	0.090	5.0E-03	AT2G35280	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14920826	14920854	6	0.190	0.092	3.0E-03	AT2G35510	-0.4	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14952073	14952092	4	0.331	0.024	2.5E-04	AT2G35610	-0.2	8.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	14952098	14952113	4	0.229	0.114	6.8E-03	AT2G35610	-0.2	8.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15140752	15140768	4	-0.364	0.112	1.2E-03	AT2G36053	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15140772	15140785	6	-0.379	0.100	2.6E-05	AT2G36053	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15314838	15314876	4	0.216	0.104	3.3E-03	AT2G36490	1.2	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15331619	15331624	4	0.442	0.050	5.1E-05	AT2G36560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15402250	15402266	6	0.237	0.115	4.1E-05	AT2G36724	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15511977	15512000	10	0.310	0.117	1.6E-04	AT2G36940	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15567611	15567645	6	0.150	0.131	7.4E-03	AT2G37050	0.7	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15595214	15595257	6	0.287	0.122	7.2E-04	AT2G37120	0.7	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15722327	15722368	14	0.144	0.101	2.4E-03	AT2G37440	-5.8	2.7E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15733584	15733598	4	0.243	0.129	8.2E-03	AT2G37470	0.8	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	15791184	15791202	8	0.290	0.095	7.2E-04	AT2G37640	3.4	4.5E-12
5 d.p.i. <i>Pst(avr)</i>	CHH	2	16117019	16117031	4	-0.260	0.042	7.0E-04	AT2G38490	-3.5	1.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	16380831	16380849	4	0.297	0.053	5.3E-04	AT2G39230	-0.2	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	16560514	16560540	8	-0.297	0.049	2.5E-04	AT2G39710	-2.2	1.7E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	16588076	16588102	8	0.335	0.122	6.8E-05	AT2G39770	0.5	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	16917343	16917349	4	0.354	0.112	7.5E-04	AT2G40500	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	2	16920865	16920872	4	0.345	0.128	1.6E-03	AT2G40520	0.0	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	16973476	16973496	8	0.183	0.139	5.9E-03	AT2G40690	2.0	1.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	2	17190186	17190217	6	0.182	0.130	5.4E-04	AT2G41225	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	17487229	17487237	4	0.308	0.039	7.4E-06	AT2G41900	-0.8	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	17546775	17546797	6	0.130	0.143	7.4E-03	AT2G42060	-3.9	2.3E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	2	17904766	17904781	4	-0.275	0.183	1.9E-03	AT2G43050	-3.8	3.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	2	18289010	18289020	4	0.338	0.052	5.5E-05	AT2G44240	-7.1	2.6E-11
5 d.p.i. <i>Pst(avr)</i>	CHH	2	18528198	18528202	4	0.234	0.111	9.0E-03	AT2G44925	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	2	18655163	18655200	4	0.236	0.076	7.0E-03	AT2G45240	0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	18655410	18655414	4	0.245	0.105	7.1E-03	AT2G45240	0.2	8.7E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	2	18660198	18660237	12	-0.179	0.107	9.0E-03	AT2G45250	0.1	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	18877969	18877980	4	0.284	0.111	3.2E-03	AT2G45870	1.9	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	19322679	19322691	4	0.316	0.051	6.0E-03	AT2G47020	0.3	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	2	19683740	19683752	4	-0.272	0.108	1.6E-04	AT2G48130	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1427	1443	6	0.284	0.088	2.7E-03	AT3G01015	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	452034	452046	4	0.259	0.101	7.1E-03	AT3G02270	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	810477	810487	4	0.354	0.085	6.8E-03	AT3G03405	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	875133	875143	6	0.229	0.173	7.4E-03	AT3G03620	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1031506	1031519	6	0.206	0.124	3.1E-03	AT3G03980	0.4	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1057991	1058011	6	-0.201	0.068	3.0E-03	AT3G04060	-2.2	5.0E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1166730	1166738	4	-0.241	0.191	1.7E-03	AT3G04400	0.6	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1170765	1170770	4	0.251	0.089	6.2E-03	AT3G04410	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1370151	1370182	8	0.262	0.086	1.6E-04	AT3G04945	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1399979	1399996	4	0.243	0.111	3.4E-03	AT3G05030	1.1	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1557217	1557226	4	0.213	0.122	6.0E-03	AT3G05410	1.2	2.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1571843	1571889	4	0.272	0.114	8.1E-03	AT3G05440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1602195	1602222	4	0.223	0.083	4.6E-03	AT3G05530	-0.7	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1602312	1602340	6	0.233	0.149	3.4E-03	AT3G05530	-0.7	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	1607441	1607484	14	0.145	0.136	2.8E-03	AT3G05540	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	2138651	2138671	6	0.264	0.098	2.4E-04	AT3G06770	2.7	1.4E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	3	2251589	2251627	8	-0.209	0.080	6.1E-04	AT3G07110	0.8	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	2259541	2259579	8	0.394	0.171	9.7E-04	AT3G07130	0.8	5.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	2919927	2919959	12	0.260	0.119	6.8E-03	AT3G09510	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	3874563	3874574	4	0.227	0.086	2.6E-04	AT3G12145	1.4	7.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	4216502	4216512	4	0.356	0.104	6.1E-04	AT3G13110	-0.2	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	4552012	4552050	12	0.363	0.107	9.8E-04	AT3G13830	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	4584752	4584778	8	0.336	0.129	1.0E-03	AT3G13900	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	4585295	4585313	4	0.386	0.178	2.9E-03	AT3G13900	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	4752280	4752307	6	0.330	0.065	5.0E-03	AT3G14270	-0.7	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	4977723	4977757	4	-0.296	0.156	4.2E-04	AT3G14820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	4977872	4977884	4	0.252	0.077	9.9E-03	AT3G14820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	4977885	4977909	8	0.340	0.157	2.8E-04	AT3G14820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	5164940	5164944	4	0.361	0.125	4.2E-04	AT3G15350	1.0	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	5286060	5286104	6	0.201	0.113	7.2E-03	AT3G15605	0.9	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	5591590	5591639	10	0.244	0.103	4.1E-03	AT3G16460	-2.5	1.9E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	5629278	5629366	24	0.180	0.127	7.7E-04	AT3G16540	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	5629379	5629392	4	0.378	0.100	1.6E-04	AT3G16540	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	5836342	5836355	4	0.257	0.063	9.3E-03	AT3G17120	4.7	4.4E-27
5 d.p.i. <i>Pst(avr)</i>	CHH	3	5868099	5868130	4	0.188	0.161	8.0E-04	AT3G17190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	6073587	6073622	10	0.166	0.100	8.0E-03	AT3G17750	-0.2	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	6486511	6486523	6	0.211	0.088	7.4E-03	AT3G18820	-0.4	4.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	6624475	6624481	4	-0.252	0.090	4.4E-04	AT3G19160	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	6668394	6668399	4	0.292	0.149	5.1E-03	AT3G19250	-0.4	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	6706010	6706023	6	0.219	0.139	3.8E-03	AT3G19350	3.8	7.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	6729148	6729218	6	0.225	0.127	3.7E-03	AT3G19410	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	6729353	6729367	4	0.252	0.132	5.1E-03	AT3G19410	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7143053	7143073	4	0.285	0.180	4.5E-03	AT3G20475	0.8	4.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7317491	7317508	6	0.308	0.160	5.8E-03	AT3G20880	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7319026	7319087	16	0.249	0.122	7.1E-03	AT3G20890	-0.3	6.5E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	3	7319118	7319129	4	-0.289	0.045	6.0E-03	AT3G20890	-0.3	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7711071	7711095	6	0.192	0.096	6.0E-03	AT3G21890	-2.2	1.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7713804	7713909	24	0.192	0.114	4.0E-03	AT3G21900	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7765776	7765784	4	0.326	0.035	2.9E-03	AT3G22050	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7766790	7766805	6	0.220	0.095	6.2E-03	AT3G22053	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7782330	7782335	4	0.364	0.067	8.8E-05	AT3G22090	Inf	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7803908	7803932	8	0.174	0.086	4.2E-03	AT3G22142	3.7	1.2E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7850545	7850552	4	0.488	0.098	7.6E-06	AT3G22231	1.9	9.2E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7856884	7856891	4	0.293	0.193	1.8E-03	AT3G22235	0.4	7.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7856899	7856907	4	0.221	0.081	1.9E-03	AT3G22235	0.4	7.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7922036	7922109	4	0.318	0.079	4.6E-03	AT3G22400	1.3	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7922152	7922181	6	0.261	0.052	8.3E-03	AT3G22400	1.3	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7924314	7924348	12	0.193	0.099	3.7E-04	AT3G22400	1.3	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7924362	7924382	6	0.207	0.063	2.3E-03	AT3G22400	1.3	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7937268	7937283	4	0.347	0.032	1.4E-03	AT3G22410	0.8	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7937298	7937308	4	0.317	0.065	1.4E-03	AT3G22410	0.8	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7937326	7937332	4	0.183	0.087	5.5E-03	AT3G22410	0.8	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7945328	7945342	6	0.276	0.173	2.8E-03	AT3G22420	-0.9	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7980607	7980630	4	0.247	0.059	9.9E-03	AT3G22530	-1.3	1.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7982065	7982089	4	0.238	0.083	5.3E-03	AT3G22540	Inf	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	7995338	7995412	8	-0.244	0.116	4.1E-03	AT3G22550	-0.9	6.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8003434	8003468	4	0.357	0.207	6.5E-04	AT3G22580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8101656	8101670	4	0.262	0.061	1.5E-03	AT3G22880	-0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8102799	8102810	4	0.488	0.087	4.9E-04	AT3G22880	-0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8102830	8102839	4	0.279	0.052	8.8E-04	AT3G22880	-0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8212626	8212641	6	0.262	0.108	5.7E-03	AT3G23080	1.7	3.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8271240	8271342	10	0.171	0.093	1.9E-03	AT3G23172	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8332108	8332198	12	0.199	0.177	2.1E-03	AT3G23300	0.7	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8379827	8379883	12	0.164	0.113	9.6E-04	AT3G23400	1.3	5.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8427142	8427150	4	0.303	0.143	3.7E-04	AT3G23510	2.2	5.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8493733	8493750	4	0.347	0.089	2.5E-04	AT3G23633	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8493773	8493779	4	0.192	0.126	9.3E-03	AT3G23633	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8541041	8541076	4	-0.220	0.092	3.5E-03	AT3G23727	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8541271	8541282	4	0.329	0.059	4.5E-04	AT3G23727	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8541481	8541505	4	0.336	0.082	2.7E-03	AT3G23727	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8574661	8574697	14	-0.180	0.081	1.8E-03	AT3G23790	-2.7	1.3E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8585100	8585126	4	0.266	0.167	3.1E-03	AT3G23805	3.1	8.2E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8613954	8613998	8	0.169	0.131	6.1E-04	AT3G23850	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8644807	8644817	6	0.220	0.103	3.2E-03	AT3G23930	-0.2	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8659730	8659764	10	0.271	0.108	3.8E-03	AT3G23970	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8659862	8659912	12	0.196	0.091	1.2E-03	AT3G23970	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8752861	8752893	8	0.269	0.113	6.3E-04	AT3G24200	-0.3	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8758827	8758836	4	0.263	0.106	3.7E-03	AT3G24216	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8820109	8820204	22	0.157	0.077	4.5E-03	AT3G24315	-0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8837221	8837301	10	0.226	0.077	2.9E-03	AT3G24350	0.4	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	8949492	8949517	6	-0.232	0.108	4.4E-03	AT3G24530	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9017159	9017168	4	0.244	0.132	9.1E-03	AT3G24690	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9130674	9130680	4	0.282	0.109	2.9E-03	AT3G25070	-0.7	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9130724	9130743	6	0.278	0.099	1.4E-03	AT3G25070	-0.7	4.3E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	3	9229052	9229111	10	0.148	0.119	6.2E-03	AT3G25460	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9232700	9232771	20	0.231	0.087	5.2E-04	AT3G25460	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9239816	9239827	4	0.279	0.066	6.8E-03	AT3G25490	-3.1	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9256217	9256232	6	0.241	0.110	3.5E-04	AT3G25500	1.3	5.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9300097	9300116	8	0.281	0.067	1.6E-03	AT3G25590	-2.1	5.8E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9384013	9384029	4	0.399	0.043	2.5E-03	AT3G25720	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9422451	9422463	4	0.190	0.100	5.9E-03	AT3G25800	-0.5	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9558571	9558597	6	0.292	0.109	5.0E-03	AT3G26130	-2.1	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9576381	9576402	4	0.254	0.034	3.7E-03	AT3G26170	-2.8	3.2E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9608255	9608271	6	0.318	0.096	4.2E-03	AT3G26240	-1.0	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9610342	9610351	4	-0.290	0.088	2.9E-03	AT3G26250	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9643875	9643889	4	0.271	0.104	1.2E-03	AT3G26310	0.9	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9649698	9649704	4	0.306	0.032	4.9E-04	AT3G26330	0.2	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9694851	9694864	6	0.228	0.081	6.8E-03	AT3G26480	1.1	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9788126	9788135	4	-0.163	0.095	9.1E-03	AT3G26616	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9861885	9861902	6	0.187	0.068	9.9E-04	AT3G26800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9862098	9862112	4	0.431	0.097	1.6E-04	AT3G26800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9862764	9862772	4	0.398	0.150	4.6E-03	AT3G26800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	9890542	9890565	4	0.270	0.068	4.2E-04	AT3G26840	-3.8	4.7E-12
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10004506	10004518	4	0.315	0.078	9.3E-04	AT3G27130	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10008451	10008514	14	0.212	0.136	7.3E-03	AT3G27140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10031273	10031305	6	0.248	0.079	7.2E-04	AT3G27180	0.5	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10112074	10112079	4	0.284	0.119	3.8E-03	AT3G27328	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10112127	10112135	4	0.174	0.113	6.9E-03	AT3G27328	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10140811	10140827	4	0.237	0.064	8.8E-04	AT3G27400	-2.7	1.2E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10172118	10172174	6	0.204	0.191	1.6E-03	AT3G27473	-1.4	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10190833	10190902	16	0.151	0.088	1.5E-04	AT3G27510	-Inf	4.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10191040	10191061	4	0.196	0.112	3.4E-03	AT3G27510	-Inf	4.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10202017	10202029	6	0.344	0.172	7.1E-04	AT3G27530	-0.4	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10202600	10202617	6	0.332	0.061	3.7E-03	AT3G27530	-0.4	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10293160	10293201	4	0.203	0.086	5.1E-04	AT3G27785	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10293762	10293785	6	0.225	0.080	1.1E-03	AT3G27785	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10294023	10294048	8	0.240	0.161	5.7E-03	AT3G27785	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10300674	10300697	4	0.296	0.175	6.7E-03	AT3G27800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10314039	10314046	4	0.291	0.135	9.7E-04	AT3G27820	-0.3	5.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10417190	10417206	4	0.250	0.106	9.4E-03	AT3G28020	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10417219	10417242	8	0.300	0.107	3.8E-03	AT3G28020	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10417410	10417421	4	0.478	0.081	3.2E-04	AT3G28020	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10417618	10417647	6	0.304	0.151	8.8E-03	AT3G28020	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10423626	10423639	4	-0.255	0.041	7.3E-03	AT3G28030	-0.7	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10441317	10441344	8	0.279	0.072	8.1E-04	AT3G28050	-1.2	7.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10441367	10441377	6	0.132	0.133	1.0E-03	AT3G28050	-1.2	7.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10457477	10457486	4	0.425	0.064	3.9E-04	AT3G28100	-3.2	2.0E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10457508	10457516	4	0.275	0.111	8.1E-03	AT3G28100	-3.2	2.0E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10457819	10457851	8	0.392	0.180	3.3E-03	AT3G28100	-3.2	2.0E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10457889	10457908	6	0.308	0.142	3.2E-03	AT3G28100	-3.2	2.0E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10458302	10458321	4	0.300	0.055	1.1E-05	AT3G28100	-3.2	2.0E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10476983	10476995	6	0.365	0.070	1.6E-03	AT3G28150	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10477383	10477396	4	0.258	0.113	7.8E-03	AT3G28150	0.0	1.0E+00

5 d.p.i. <i>Pst(avr)</i>	CHH	3	10511502	10511507	4	-0.204	0.112	2.7E-03	AT3G28190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10522240	10522266	10	-0.237	0.135	4.7E-03	AT3G28216	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10532066	10532071	4	0.363	0.096	2.0E-04	AT3G28243	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10532131	10532174	6	0.283	0.139	1.3E-03	AT3G28243	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10585922	10585931	4	0.252	0.070	3.2E-04	AT3G28330	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10587834	10587901	18	0.324	0.119	8.3E-03	AT3G28330	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10593495	10593518	8	0.341	0.120	7.7E-05	AT3G28340	0.7	2.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10599346	10599357	4	0.174	0.112	4.5E-03	AT3G28345	0.0	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10637440	10637457	4	-0.226	0.218	1.4E-03	AT3G28390	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10733359	10733385	4	0.324	0.138	4.4E-03	AT3G28640	-1.4	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10734240	10734275	8	0.298	0.111	2.2E-04	AT3G28650	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10753103	10753129	6	0.120	0.135	9.9E-03	AT3G28690	-0.3	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10758141	10758151	4	0.389	0.068	1.0E-04	AT3G28700	0.6	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10764313	10764317	4	0.347	0.022	9.8E-04	AT3G28700	0.6	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10816624	10816660	8	0.212	0.079	3.8E-03	AT3G28790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10816818	10816834	6	0.330	0.075	2.6E-03	AT3G28790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10818778	10818793	6	0.237	0.112	6.5E-04	AT3G28790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10827232	10827251	4	0.200	0.081	3.1E-04	AT3G28820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10837596	10837697	20	0.165	0.070	8.4E-03	AT3G28840	2.6	6.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10847647	10847654	4	0.243	0.085	3.2E-03	AT3G28850	-0.8	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10904764	10904779	4	0.183	0.094	3.5E-03	AT3G28900	0.5	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10920400	10920422	6	0.173	0.134	6.8E-03	AT3G28917	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10933270	10933283	4	-0.233	0.094	4.9E-03	AT3G28918	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10946498	10946504	4	0.510	0.068	1.2E-03	AT3G28920	-0.4	5.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10976058	10976063	4	-0.294	0.049	1.1E-03	AT3G28950	-1.0	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10997631	10997724	4	0.251	0.041	2.4E-04	AT3G28980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10997727	10997738	4	0.275	0.115	3.8E-03	AT3G28980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	10997751	10997761	4	0.254	0.108	1.9E-03	AT3G28980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11001141	11001173	8	0.211	0.131	1.4E-03	AT3G28990	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11042374	11042391	4	0.342	0.066	1.1E-05	AT3G29050	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11054908	11054924	4	0.270	0.128	2.6E-03	AT3G29075	-0.3	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11078160	11078165	4	0.264	0.055	5.6E-04	AT3G29100	-0.6	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11079028	11079037	4	0.315	0.124	4.5E-03	AT3G29100	-0.6	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11079673	11079685	4	0.157	0.107	8.0E-03	AT3G29100	-0.6	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11083091	11083131	12	0.167	0.129	7.8E-03	AT3G29110	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11089143	11089152	4	0.251	0.055	5.2E-04	AT3G29110	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11089169	11089204	4	0.353	0.048	2.6E-04	AT3G29110	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11089645	11089660	4	0.181	0.119	7.2E-03	AT3G29110	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11099250	11099321	14	0.172	0.085	2.8E-03	AT3G29130	0.5	5.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11104965	11104974	4	0.508	0.058	7.4E-04	AT3G29140	-1.6	9.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11115907	11115927	4	0.164	0.133	9.0E-03	AT3G29152	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11133843	11133898	6	0.320	0.091	3.7E-04	AT3G29160	-0.3	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11134763	11134780	4	0.312	0.096	9.1E-04	AT3G29160	-0.3	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11135739	11135756	6	0.304	0.224	4.4E-04	AT3G29170	-0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11158891	11158925	8	0.347	0.120	1.0E-04	AT3G29185	1.4	8.6E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11196877	11196904	8	0.279	0.118	2.2E-03	AT3G29250	-6.3	3.4E-20
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11197170	11197209	6	-0.180	0.101	1.9E-03	AT3G29250	-6.3	3.4E-20
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11206412	11206431	4	0.240	0.113	1.7E-03	AT3G29255	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11229969	11230001	4	0.268	0.037	4.3E-03	AT3G29270	-0.3	8.1E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	3	11244948	11245037	4	0.185	0.117	9.5E-03	AT3G29300	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11276236	11276255	4	0.348	0.165	9.3E-04	AT3G29370	2.3	5.8E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11296499	11296507	4	0.347	0.080	1.9E-04	AT3G29400	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11319222	11319254	12	0.339	0.090	6.1E-05	AT3G29450	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11319604	11319662	4	0.312	0.123	1.6E-03	AT3G29450	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11321229	11321238	4	0.242	0.102	3.3E-03	AT3G29450	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11321700	11321707	6	-0.277	0.037	9.1E-04	AT3G29450	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11324784	11324837	6	-0.168	0.130	2.2E-03	AT3G29450	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11355646	11355652	4	-0.192	0.130	9.4E-03	AT3G29560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11360601	11360609	4	-0.295	0.101	2.7E-04	AT3G29560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11369229	11369312	4	0.116	0.147	9.4E-03	AT3G29570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11391243	11391272	6	0.191	0.136	8.1E-03	AT3G29580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11393934	11393943	4	-0.240	0.116	2.0E-04	AT3G29580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11396580	11396589	4	-0.234	0.058	5.9E-04	AT3G29580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11397034	11397074	16	0.245	0.115	2.6E-04	AT3G29580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11469352	11469453	6	0.181	0.074	6.0E-03	AT3G29636	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11470806	11470832	4	0.245	0.136	2.1E-03	AT3G29636	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11470871	11470877	4	0.339	0.038	1.3E-04	AT3G29636	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11481880	11481895	8	0.303	0.132	2.9E-04	AT3G29639	-0.8	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11534775	11534791	4	0.154	0.132	4.2E-03	AT3G29680	0.5	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11574143	11574240	4	0.254	0.140	1.4E-03	AT3G29740	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11593622	11593631	4	0.262	0.116	8.0E-03	AT3G29760	0.3	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11694519	11694552	8	0.266	0.143	1.8E-03	AT3G29790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11695076	11695114	12	0.219	0.118	4.2E-03	AT3G29791	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11723281	11723291	4	0.337	0.028	6.5E-03	AT3G29800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11727410	11727420	6	0.322	0.074	2.4E-04	AT3G29810	-3.1	2.1E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11727536	11727559	10	0.251	0.091	3.7E-03	AT3G29810	-3.1	2.1E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11744159	11744179	4	0.371	0.075	8.8E-04	AT3G29970	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11745571	11745592	6	0.345	0.055	8.5E-06	AT3G29970	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11748711	11748797	8	0.244	0.136	5.8E-03	AT3G29970	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11879696	11879750	10	0.150	0.127	3.4E-03	AT3G30230	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11882470	11882486	4	-0.286	0.111	2.7E-04	AT3G30235	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11928295	11928363	4	0.129	0.132	6.0E-03	AT3G30320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11934869	11934896	4	0.296	0.191	5.1E-04	AT3G30320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11959773	11959788	4	0.338	0.079	1.8E-04	AT3G30350	Inf	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11965851	11965883	4	0.314	0.149	6.2E-03	AT3G30370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11969703	11969715	6	0.241	0.078	4.2E-04	AT3G30370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11982725	11982752	6	-0.194	0.107	2.6E-03	AT3G30383	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	11984870	11984878	4	0.317	0.146	8.9E-03	AT3G30383	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12105706	12105725	6	0.205	0.098	3.5E-04	AT3G30460	1.6	2.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12128740	12128773	4	0.237	0.068	1.2E-03	AT3G30520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12128777	12128904	12	0.117	0.164	7.9E-03	AT3G30520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12129752	12129780	6	0.341	0.090	2.1E-03	AT3G30520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12131226	12131247	4	-0.219	0.107	7.4E-03	AT3G30520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12132042	12132081	4	0.228	0.188	4.6E-03	AT3G30520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12135792	12135854	6	0.210	0.104	2.4E-03	AT3G30530	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12136878	12136887	4	0.361	0.073	1.2E-04	AT3G30530	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12142562	12142578	8	0.173	0.160	3.7E-03	AT3G30530	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12171659	12171696	4	0.283	0.114	6.5E-03	AT3G30580	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	3	12276133	12276230	14	0.230	0.145	1.2E-03	AT3G30705	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12345485	12345549	10	0.147	0.119	2.5E-03	AT3G30720	-0.8	5.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12354173	12354187	6	0.206	0.078	6.8E-03	AT3G30725	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12359255	12359303	12	0.216	0.131	3.2E-03	AT3G30730	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12359434	12359472	14	0.192	0.105	8.7E-04	AT3G30730	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12444075	12444100	8	0.258	0.082	2.3E-03	AT3G30768	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12446350	12446395	4	0.227	0.165	9.4E-03	AT3G30770	-Inf	3.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12454583	12454620	6	0.172	0.130	9.3E-04	AT3G30775	-3.0	1.8E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12455149	12455209	18	0.220	0.100	2.4E-03	AT3G30775	-3.0	1.8E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12460542	12460550	4	0.245	0.062	1.6E-03	AT3G30778	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12489964	12489988	4	0.329	0.234	6.7E-03	AT3G30805	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12491432	12491477	8	0.163	0.123	4.5E-04	AT3G30805	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12528043	12528064	6	0.232	0.139	5.6E-03	AT3G30820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12603123	12603147	10	0.167	0.083	4.6E-03	AT3G30842	-3.3	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12629123	12629129	4	0.279	0.031	3.8E-03	AT3G30849	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12910929	12910944	4	0.230	0.112	6.0E-03	AT3G31910	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	12946416	12946465	4	-0.198	0.091	3.0E-03	AT3G31950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	13039607	13039615	4	0.223	0.072	8.2E-03	AT3G32036	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	13173627	13173706	4	0.259	0.143	9.3E-03	AT3G32200	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	13503944	13503959	4	0.295	0.052	8.1E-03	AT3G32960	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14021497	14021603	6	0.147	0.125	5.0E-03	AT3G33187	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14033368	14033397	4	0.258	0.070	9.0E-03	AT3G33293	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14042241	14042268	4	0.464	0.156	7.0E-03	AT3G33494	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14306507	14306555	4	0.200	0.096	1.8E-03	AT3G42148	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14319065	14319096	4	0.215	0.087	9.7E-03	AT3G42170	-0.1	8.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14510635	14510648	4	0.187	0.129	9.8E-04	AT3G42385	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14511201	14511243	4	0.221	0.200	2.2E-03	AT3G42385	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14609407	14609413	4	0.270	0.040	1.7E-03	AT3G42475	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14677545	14677561	6	0.317	0.110	2.6E-03	AT3G42560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14677570	14677583	6	0.340	0.054	5.7E-04	AT3G42560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14684747	14684760	6	-0.210	0.052	1.9E-05	AT3G42565	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14687678	14687691	4	0.249	0.089	1.3E-03	AT3G42570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14718399	14718417	4	0.151	0.141	6.6E-03	AT3G42628	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14761679	14761701	4	0.224	0.125	4.1E-03	AT3G42670	0.2	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14785435	14785451	6	0.247	0.112	8.3E-03	AT3G42728	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14788687	14788698	4	0.280	0.098	3.0E-03	AT3G42728	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14881715	14881741	4	0.234	0.100	5.1E-03	AT3G42790	-0.8	3.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14934257	14934278	4	0.206	0.092	8.3E-03	AT3G42830	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	14949694	14949706	4	0.171	0.082	3.2E-03	AT3G42870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15009259	15009312	12	0.202	0.088	2.4E-03	AT3G42940	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15151284	15151307	4	0.295	0.202	4.8E-04	AT3G43153	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15168663	15168670	4	0.256	0.111	5.6E-03	AT3G43160	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15186777	15186785	4	0.380	0.074	2.9E-03	AT3G43190	Inf	5.8E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15188413	15188434	8	0.206	0.095	5.0E-03	AT3G43210	0.3	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15228685	15228716	8	0.231	0.128	2.4E-03	AT3G43280	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15233312	15233326	8	0.130	0.108	8.0E-04	AT3G43291	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15329311	15329330	4	0.196	0.102	5.8E-03	AT3G43400	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15359509	15359542	10	0.192	0.117	4.5E-03	AT3G43432	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15366680	15366691	4	-0.244	0.112	4.7E-03	AT3G43440	-1.4	3.3E-02

5 d.p.i. <i>Pst(avr)</i>	CHH	3	15396127	15396195	4	0.250	0.153	9.4E-03	AT3G43480	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15398942	15398963	4	0.348	0.197	1.6E-03	AT3G43490	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15476526	15476534	4	0.240	0.093	5.2E-03	AT3G43572	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15479907	15480003	6	0.188	0.122	3.6E-03	AT3G43574	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15566127	15566141	6	0.405	0.072	1.1E-04	AT3G43660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15581702	15581725	4	0.213	0.192	1.9E-03	AT3G43682	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15586848	15586866	4	0.242	0.124	6.0E-03	AT3G43682	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15619766	15619773	4	0.237	0.056	2.0E-03	AT3G43722	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15619820	15619824	4	0.168	0.085	9.0E-03	AT3G43722	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15641821	15641854	4	0.217	0.151	2.7E-03	AT3G43740	0.6	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15654781	15654790	4	0.384	0.070	4.7E-03	AT3G43790	-0.1	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15666862	15666869	4	0.354	0.066	1.3E-05	AT3G43810	1.3	4.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15681275	15681303	6	0.173	0.097	3.8E-03	AT3G43829	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15691900	15691980	6	0.130	0.151	1.5E-03	AT3G43833	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15704777	15704820	8	0.315	0.155	2.9E-03	AT3G43850	-1.2	4.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15725698	15725733	6	-0.212	0.144	2.1E-03	AT3G43870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15727682	15727723	4	0.261	0.178	3.4E-03	AT3G43870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15739812	15739846	8	0.141	0.119	4.3E-03	AT3G43880	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15749786	15749799	8	0.190	0.129	2.4E-03	AT3G43910	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15780728	15780744	10	0.255	0.073	1.2E-03	AT3G43980	1.1	6.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15794383	15794404	4	0.298	0.089	6.8E-03	AT3G44006	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15804195	15804203	4	0.182	0.132	6.1E-03	AT3G44020	0.7	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15818108	15818120	6	0.177	0.112	5.1E-03	AT3G44050	1.1	4.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15818258	15818265	4	0.272	0.144	8.2E-03	AT3G44050	1.1	4.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15864545	15864577	6	0.228	0.073	9.3E-03	AT3G44100	-0.7	2.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15874668	15874676	6	0.337	0.078	1.6E-04	AT3G44115	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15874704	15874709	4	0.233	0.118	1.5E-03	AT3G44115	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15876899	15876911	4	0.233	0.122	5.8E-03	AT3G44115	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15880476	15880502	6	0.356	0.148	2.5E-03	AT3G44120	1.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15884274	15884311	8	0.217	0.083	1.7E-03	AT3G44140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15899498	15899512	4	0.291	0.159	3.6E-03	AT3G44180	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15917260	15917275	6	0.378	0.164	5.2E-04	AT3G44210	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15918402	15918419	4	0.304	0.132	2.9E-03	AT3G44210	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15927026	15927043	4	0.249	0.072	1.2E-03	AT3G44220	4.8	1.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15931259	15931274	6	0.286	0.037	1.3E-03	AT3G44230	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15934415	15934428	4	0.293	0.029	2.2E-03	AT3G44235	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15934431	15934492	16	0.129	0.081	6.9E-03	AT3G44235	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15939218	15939251	8	0.297	0.094	1.4E-03	AT3G44240	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15941806	15941817	4	0.373	0.067	1.1E-04	AT3G44240	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15948219	15948293	4	0.241	0.052	1.4E-03	AT3G44250	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	15976330	15976461	6	0.194	0.167	7.0E-03	AT3G44290	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16079294	16079306	6	0.195	0.121	8.0E-03	AT3G44460	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16107535	16107550	4	0.289	0.062	3.2E-03	AT3G44510	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16114354	16114371	4	0.355	0.103	1.4E-04	AT3G44530	-0.6	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16141954	16141997	12	0.238	0.144	1.2E-03	AT3G44550	-8.7	1.3E-20
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16142234	16142262	6	0.201	0.162	8.4E-03	AT3G44550	-8.7	1.3E-20
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16146530	16146612	8	0.166	0.186	5.9E-03	AT3G44560	-Inf	3.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16155768	16155797	4	0.251	0.070	4.6E-04	AT3G44570	-3.5	5.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16161448	16161458	4	0.205	0.108	7.2E-03	AT3G44580	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	3	16169630	16169676	4	0.270	0.074	2.9E-03	AT3G44600	-0.3	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16213361	16213365	4	0.432	0.056	5.5E-05	AT3G44660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16213466	16213479	6	0.207	0.058	8.0E-03	AT3G44660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16221730	16221740	4	0.382	0.055	2.0E-04	AT3G44670	-1.3	2.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16226368	16226403	6	-0.193	0.139	2.8E-03	AT3G44680	-0.3	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16240307	16240356	8	0.218	0.126	3.3E-03	AT3G44700	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16240966	16240975	4	0.218	0.088	9.4E-03	AT3G44700	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16258443	16258473	8	0.313	0.162	1.3E-03	AT3G44713	-0.7	5.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16269867	16269875	4	0.435	0.023	1.0E-04	AT3G44720	-1.4	2.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16281698	16281713	6	0.305	0.112	2.2E-03	AT3G44730	2.1	1.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16293643	16293650	4	0.276	0.106	3.4E-03	AT3G44735	2.0	4.0E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16307352	16307420	4	0.207	0.068	6.0E-03	AT3G44760	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16341841	16341864	6	0.258	0.105	5.1E-03	AT3G44800	2.0	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16346845	16346871	4	0.321	0.152	8.1E-04	AT3G44800	2.0	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16354251	16354264	6	0.357	0.125	9.0E-03	AT3G44805	1.0	5.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16356045	16356066	4	0.318	0.059	7.4E-03	AT3G44810	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16377573	16377593	6	0.341	0.083	2.4E-04	AT3G44850	0.0	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16405568	16405590	4	0.358	0.034	7.3E-03	AT3G44930	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16416889	16416912	6	0.292	0.178	4.8E-04	AT3G44940	3.6	6.6E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16416913	16416924	4	0.226	0.117	6.6E-04	AT3G44940	3.6	6.6E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16419840	16419853	4	-0.233	0.133	7.3E-03	AT3G44950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16438501	16438509	4	0.324	0.014	1.8E-05	AT3G44980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16438511	16438519	4	0.240	0.218	1.2E-03	AT3G44980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16438523	16438537	6	0.229	0.164	4.1E-03	AT3G44980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16453506	16453526	4	0.233	0.152	5.8E-03	AT3G44990	9.9	1.9E-39
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16471271	16471283	6	-0.313	0.108	1.3E-03	AT3G45030	0.9	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16479983	16480009	4	0.285	0.083	1.2E-03	AT3G45060	-2.6	2.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16485713	16485726	6	-0.220	0.173	2.0E-03	AT3G45070	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16509171	16509185	6	0.259	0.117	1.5E-03	AT3G45110	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16509203	16509212	4	0.378	0.087	1.7E-05	AT3G45110	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16526562	16526634	6	0.225	0.120	8.3E-03	AT3G45140	-0.5	4.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16538362	16538374	4	0.325	0.033	1.8E-04	AT3G45170	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16538511	16538518	4	0.285	0.135	5.9E-04	AT3G45180	1.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16574387	16574436	14	0.166	0.091	8.0E-03	AT3G45240	-0.8	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16635899	16635971	10	0.223	0.142	4.4E-03	AT3G45330	-6.3	2.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16636318	16636367	6	0.193	0.213	8.5E-03	AT3G45330	-6.3	2.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16645596	16645614	4	0.285	0.128	2.1E-03	AT3G45390	-5.2	3.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16647249	16647290	8	0.184	0.125	4.1E-03	AT3G45390	-5.2	3.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16685563	16685572	4	-0.244	0.088	4.5E-04	AT3G45480	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16691316	16691344	4	0.268	0.099	1.8E-03	AT3G45510	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16699373	16699404	8	0.243	0.164	7.0E-03	AT3G45525	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16699640	16699659	4	0.200	0.106	7.1E-03	AT3G45525	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16723665	16723680	4	0.205	0.115	1.8E-03	AT3G45560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16727637	16727644	4	0.307	0.091	5.5E-04	AT3G45577	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16787784	16787799	4	0.376	0.070	1.5E-04	AT3G45730	-0.7	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16798097	16798110	6	0.293	0.139	7.6E-03	AT3G45750	-0.4	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16798116	16798162	10	0.342	0.114	2.2E-04	AT3G45750	-0.4	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16814061	16814112	10	0.155	0.109	4.6E-03	AT3G45780	0.4	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16852673	16852724	6	-0.220	0.104	3.3E-03	AT3G45840	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	3	16881733	16881763	4	0.191	0.088	3.1E-03	AT3G45920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16943849	16943879	12	0.275	0.163	7.6E-03	AT3G46130	0.3	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	16992589	16992614	4	0.280	0.029	5.5E-04	AT3G46240	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17011038	17011048	6	0.298	0.014	4.2E-03	AT3G46290	0.3	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17018767	17018815	6	0.182	0.142	7.4E-04	AT3G46310	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17034478	17034506	6	0.323	0.082	2.2E-03	AT3G46350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17034654	17034665	4	0.300	0.100	3.2E-04	AT3G46350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17035646	17035650	4	0.355	0.070	3.8E-03	AT3G46350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17047137	17047158	4	0.274	0.058	6.8E-03	AT3G46360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17047546	17047592	12	0.296	0.151	1.2E-03	AT3G46360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17047924	17047932	4	0.255	0.070	6.4E-03	AT3G46370	1.6	3.6E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17068635	17068708	14	0.212	0.132	1.1E-03	AT3G46390	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17069802	17069811	6	0.332	0.063	3.1E-04	AT3G46390	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17087424	17087438	6	0.250	0.055	1.6E-03	AT3G46430	0.5	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17101716	17101745	6	0.283	0.069	3.0E-03	AT3G46470	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17107579	17107604	4	0.262	0.086	3.1E-03	AT3G46480	-Inf	9.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17142693	17142701	4	0.283	0.058	2.7E-03	AT3G46560	0.6	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17143151	17143156	4	0.256	0.056	6.6E-04	AT3G46570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17143202	17143228	8	0.289	0.119	1.9E-03	AT3G46570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17150655	17150664	4	0.375	0.075	2.4E-04	AT3G46590	0.1	8.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17205369	17205382	4	0.337	0.068	4.5E-04	AT3G46700	-5.4	1.4E-15
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17205386	17205489	8	0.301	0.166	2.6E-03	AT3G46700	-5.4	1.4E-15
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17300016	17300027	4	0.474	0.075	1.7E-03	AT3G46960	-0.2	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17311207	17311223	4	0.333	0.101	4.3E-03	AT3G46990	1.4	7.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17321593	17321613	6	-0.297	0.066	4.6E-03	AT3G47030	0.9	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17353469	17353507	4	0.250	0.094	2.4E-03	AT3G47130	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17364693	17364704	4	0.201	0.137	3.7E-03	AT3G47160	0.7	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17365983	17366031	10	-0.171	0.108	6.8E-03	AT3G47160	0.7	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17367935	17367944	4	0.265	0.180	1.6E-03	AT3G47170	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17368017	17368037	8	0.203	0.120	1.2E-03	AT3G47170	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17368050	17368057	4	0.297	0.098	7.8E-03	AT3G47170	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17429831	17429897	6	-0.250	0.120	5.0E-03	AT3G47300	0.0	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17516866	17516952	10	0.173	0.102	2.8E-03	AT3G47530	-0.7	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17619160	17619173	4	0.277	0.062	1.5E-03	AT3G47770	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17640059	17640074	4	0.270	0.109	6.6E-04	AT3G47810	-0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17640537	17640543	4	-0.227	0.140	7.5E-03	AT3G47810	-0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17662631	17662705	14	0.309	0.077	6.7E-03	AT3G47870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17730992	17730998	4	0.261	0.050	3.5E-03	AT3G48040	0.8	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17776774	17776804	6	0.207	0.106	6.7E-03	AT3G48131	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17777180	17777307	10	0.237	0.183	2.0E-04	AT3G48140	0.0	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17777379	17777404	6	0.230	0.135	9.9E-04	AT3G48140	0.0	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17899509	17899520	4	0.251	0.098	1.0E-03	AT3G48340	-Inf	3.7E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17970204	17970217	4	-0.182	0.144	4.2E-03	AT3G48510	Inf	6.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	17986514	17986548	4	0.248	0.082	9.4E-04	AT3G48530	-0.9	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18018798	18018815	4	0.247	0.077	1.3E-03	AT3G48630	-0.9	5.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18070373	18070392	6	0.265	0.100	7.8E-03	AT3G48750	-0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18146863	18146869	4	0.362	0.053	2.0E-04	AT3G48950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18147084	18147105	6	0.202	0.095	2.4E-03	AT3G48950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18268673	18268684	4	0.302	0.089	2.3E-04	AT3G49270	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	3	18295600	18295652	16	-0.197	0.102	7.5E-03	AT3G49340	-2.7	4.9E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18412324	18412338	4	-0.275	0.065	8.4E-03	AT3G49660	0.3	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18412986	18413025	4	0.245	0.053	1.2E-03	AT3G49660	0.3	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18458243	18458257	4	0.311	0.096	1.6E-03	AT3G49760	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18458661	18458711	8	0.233	0.153	8.0E-04	AT3G49760	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18459195	18459283	16	0.190	0.083	5.8E-04	AT3G49770	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18611983	18612002	4	0.276	0.078	1.8E-05	AT3G50190	-0.1	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18652106	18652119	6	0.196	0.105	6.0E-03	AT3G50320	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18727083	18727098	4	-0.249	0.164	3.7E-03	AT3G50460	-3.7	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18735271	18735287	4	0.271	0.053	6.8E-05	AT3G50480	-2.1	1.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18739662	18739678	4	0.215	0.152	9.8E-04	AT3G50500	0.0	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18757124	18757147	6	0.184	0.115	6.5E-03	AT3G50540	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18791097	18791110	4	0.250	0.119	2.6E-03	AT3G50620	0.9	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18791156	18791163	4	0.370	0.038	4.0E-05	AT3G50620	0.9	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18843877	18843900	6	0.127	0.101	4.6E-03	AT3G50710	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18851118	18851124	4	0.513	0.162	2.9E-04	AT3G50720	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18928001	18928009	4	-0.280	0.096	9.2E-04	AT3G50930	-0.6	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	18948416	18948431	4	0.271	0.025	2.8E-03	AT3G51010	0.7	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19134218	19134229	4	0.393	0.024	1.3E-05	AT3G51580	-0.7	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19134719	19134738	6	0.157	0.088	7.1E-03	AT3G51580	-0.7	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19178472	19178537	4	0.232	0.146	4.1E-03	AT3G51690	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19178950	19178954	4	-0.203	0.086	6.2E-03	AT3G51690	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19242931	19242956	6	0.237	0.226	5.0E-04	AT3G51870	0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19291218	19291252	8	0.242	0.115	5.3E-03	AT3G52000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19301298	19301305	4	0.240	0.075	7.2E-03	AT3G52030	-0.4	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19437188	19437220	4	0.349	0.046	5.4E-03	AT3G52440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19464724	19464804	16	0.132	0.101	8.6E-03	AT3G52500	1.3	2.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19471507	19471511	4	0.191	0.085	6.5E-03	AT3G52510	-0.4	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19537732	19537832	8	-0.215	0.079	5.0E-04	AT3G52700	-0.3	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	19740003	19740011	4	0.401	0.034	1.4E-03	AT3G53250	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20024592	20024606	4	0.260	0.056	4.9E-03	AT3G54080	0.5	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20090694	20090705	6	0.335	0.018	1.2E-04	AT3G54270	-0.4	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20189403	20189413	4	0.295	0.064	7.0E-03	AT3G54540	-1.1	6.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20209357	20209375	8	0.185	0.096	3.0E-03	AT3G54600	1.1	9.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20308106	20308132	4	0.232	0.064	5.0E-03	AT3G54826	-0.1	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20481049	20481057	4	0.346	0.054	2.4E-04	AT3G55252	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20483950	20484119	12	0.151	0.128	1.8E-03	AT3G55254	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20488133	20488201	14	0.187	0.076	4.3E-03	AT3G55260	0.5	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20539590	20539601	6	0.283	0.108	3.6E-03	AT3G55400	1.4	1.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20539866	20539870	4	0.382	0.135	2.6E-03	AT3G55400	1.4	1.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20652286	20652318	10	0.268	0.107	1.3E-03	AT3G55660	2.3	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20655759	20655852	12	0.085	0.097	2.4E-03	AT3G55665	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20657006	20657035	6	0.261	0.146	4.2E-03	AT3G55670	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20657915	20657952	4	0.190	0.117	9.5E-03	AT3G55670	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	20787710	20787799	12	0.273	0.145	6.0E-04	AT3G56010	1.0	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	21323148	21323165	4	0.239	0.086	4.2E-04	AT3G57580	0.0	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	21457403	21457430	4	-0.187	0.136	3.4E-03	AT3G57950	-Inf	3.9E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	3	21509516	21509537	6	0.519	0.104	1.1E-04	AT3G58080	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	21552233	21552242	4	0.275	0.033	9.3E-04	AT3G58190	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	3	21882679	21882695	8	0.137	0.090	1.9E-03	AT3G59190	0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	21882923	21882979	12	0.200	0.097	5.1E-03	AT3G59190	0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	21883358	21883366	4	0.219	0.086	4.0E-03	AT3G59190	0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	3	22002697	22002707	4	0.348	0.154	4.1E-03	AT3G59570	-0.3	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	22063337	22063374	4	0.244	0.132	7.7E-03	AT3G59730	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	3	22112950	22112973	6	0.205	0.142	1.3E-03	AT3G59850	-5.1	3.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	3	22242445	22242448	4	0.297	0.076	1.4E-03	AT3G60180	-1.7	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	22372171	22372180	4	0.296	0.033	2.1E-04	AT3G60530	1.9	1.6E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	3	22477332	22477347	4	0.249	0.131	2.3E-03	AT3G60840	2.2	3.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	22539105	22539125	6	0.240	0.051	4.9E-03	AT3G60961	-2.7	8.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	3	22578668	22578682	4	0.202	0.107	6.4E-03	AT3G61010	-1.1	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	23108993	23109016	8	0.202	0.114	6.6E-03	AT3G62470	0.2	8.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	23156964	23156973	4	0.328	0.153	1.6E-04	AT3G62610	2.5	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	3	23204290	23204301	4	0.311	0.102	7.7E-03	AT3G62720	0.5	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	44060	44066	4	0.318	0.059	7.1E-03	AT4G00120	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	67481	67496	4	0.262	0.145	4.3E-03	AT4G00165	2.3	8.7E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	67504	67510	4	0.290	0.063	2.1E-04	AT4G00165	2.3	8.7E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	77562	77570	6	0.268	0.097	1.2E-03	AT4G00180	1.4	9.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	78969	78980	4	0.225	0.132	3.0E-03	AT4G00190	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	313891	313932	4	0.326	0.086	1.2E-03	AT4G00750	-1.2	3.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	314009	314019	6	0.242	0.095	1.2E-03	AT4G00750	-1.2	3.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	370914	370933	6	0.290	0.122	2.7E-04	AT4G00880	2.6	7.2E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	4	378957	378975	6	0.252	0.148	4.9E-03	AT4G00893	-0.3	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	413401	413419	4	0.274	0.071	4.3E-03	AT4G00960	-2.6	1.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	417456	417474	4	0.280	0.069	9.4E-03	AT4G00970	2.7	1.8E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	4	425329	425346	4	0.239	0.145	8.3E-03	AT4G00980	-0.1	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	474542	474553	4	0.317	0.052	1.8E-03	AT4G01090	-0.3	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	521805	521855	8	0.284	0.122	1.9E-03	AT4G01240	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	555495	555520	6	0.156	0.107	9.7E-03	AT4G01340	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	591698	591715	4	0.241	0.152	5.7E-03	AT4G01440	1.4	7.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	595335	595429	32	0.178	0.095	6.4E-03	AT4G01440	1.4	7.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	595480	595494	8	0.132	0.085	8.2E-03	AT4G01440	1.4	7.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	618147	618174	6	0.287	0.073	4.0E-05	AT4G01460	4.5	7.5E-25
5 d.p.i. <i>Pst(avr)</i>	CHH	4	653578	653624	10	0.206	0.102	1.1E-03	AT4G01516	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	676886	676899	4	0.239	0.082	6.6E-03	AT4G01550	-0.2	7.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	697641	697743	12	0.221	0.136	5.7E-03	AT4G01630	-Inf	6.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	698681	698756	10	0.180	0.113	6.3E-04	AT4G01630	-Inf	6.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	700067	700105	8	0.175	0.103	2.7E-03	AT4G01630	-Inf	6.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	743367	743372	4	-0.293	0.101	1.7E-03	AT4G01720	-2.2	5.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	764299	764329	4	0.346	0.049	4.5E-04	AT4G01770	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	764366	764403	8	0.263	0.066	6.5E-03	AT4G01770	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	792435	792475	10	0.417	0.060	5.6E-04	AT4G01840	-0.5	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	823692	823759	12	0.243	0.106	1.6E-03	AT4G01900	1.3	2.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	861013	861029	8	0.188	0.133	5.8E-03	AT4G01970	2.3	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	865524	865553	10	0.175	0.120	4.4E-03	AT4G01985	4.9	1.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	868810	868849	8	0.280	0.093	4.0E-03	AT4G01985	4.9	1.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	875870	875874	4	0.293	0.036	6.5E-04	AT4G02000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	876024	876036	4	0.286	0.041	2.9E-04	AT4G02000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	954210	954222	4	0.372	0.105	8.2E-03	AT4G02150	-0.4	3.9E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	4	954245	954259	4	0.240	0.068	3.1E-03	AT4G02150	-0.4	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	959070	959110	12	0.287	0.160	2.7E-04	AT4G02180	-0.3	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	965186	965205	4	0.330	0.080	5.5E-03	AT4G02190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1000703	1000717	4	0.272	0.170	7.2E-03	AT4G02290	4.0	6.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1000949	1000979	6	0.298	0.094	2.8E-03	AT4G02290	4.0	6.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1090817	1090884	14	0.208	0.109	2.0E-03	AT4G02482	0.5	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1100115	1100185	6	-0.196	0.129	7.7E-03	AT4G02500	2.4	3.3E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1212088	1212098	6	0.239	0.133	4.3E-03	AT4G02733	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1231686	1231704	8	0.306	0.138	4.3E-04	AT4G02770	2.1	2.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1258216	1258245	8	0.199	0.119	1.6E-03	AT4G02820	0.5	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1281640	1281644	4	0.335	0.034	9.2E-04	AT4G02890	0.1	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1282355	1282391	6	0.242	0.105	8.9E-04	AT4G02900	1.1	7.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1288346	1288377	6	0.223	0.126	4.6E-03	AT4G02910	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1302860	1302880	8	0.217	0.092	6.3E-03	AT4G02940	-1.0	9.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1337902	1337912	6	-0.215	0.068	3.1E-03	AT4G03030	-1.4	5.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1358094	1358166	20	0.272	0.153	4.6E-03	AT4G03070	0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1397414	1397433	6	0.250	0.125	7.0E-03	AT4G03160	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1397846	1397918	6	0.189	0.113	5.1E-03	AT4G03160	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1507219	1507245	10	0.325	0.085	1.3E-04	AT4G03415	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1541311	1541340	4	0.319	0.027	2.8E-03	AT4G03460	-4.0	2.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1595689	1595694	4	-0.233	0.076	4.4E-03	AT4G03580	-Inf	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1595778	1595815	12	0.153	0.115	4.5E-03	AT4G03580	-Inf	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1596214	1596232	4	0.395	0.053	1.2E-03	AT4G03580	-Inf	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1596462	1596475	4	-0.263	0.068	8.1E-03	AT4G03580	-Inf	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1598441	1598481	4	0.275	0.134	4.0E-03	AT4G03580	-Inf	4.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1653209	1653234	4	-0.219	0.203	9.5E-03	AT4G03728	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1655128	1655210	6	0.173	0.108	7.2E-03	AT4G03728	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1770037	1770124	4	-0.214	0.111	7.4E-03	AT4G03820	0.6	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1774714	1774744	4	0.277	0.062	1.6E-03	AT4G03820	0.6	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1867854	1867865	4	0.267	0.040	9.8E-04	AT4G03930	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1879251	1879261	4	0.303	0.187	6.6E-03	AT4G03950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1929339	1929352	4	0.325	0.037	5.2E-05	AT4G04020	3.3	3.8E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1929378	1929525	6	0.139	0.132	6.0E-03	AT4G04020	3.3	3.8E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1930833	1930890	12	0.158	0.131	1.2E-03	AT4G04020	3.3	3.8E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1930983	1930995	4	0.312	0.073	9.2E-04	AT4G04020	3.3	3.8E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1943944	1943951	4	0.226	0.113	4.1E-03	AT4G04040	0.1	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1971245	1971256	4	0.198	0.147	7.9E-03	AT4G04110	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	1972382	1972399	4	0.192	0.087	2.2E-03	AT4G04110	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2029740	2029756	4	0.230	0.089	3.0E-03	AT4G04210	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2032486	2032562	16	0.261	0.124	3.8E-03	AT4G04220	-0.2	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2036364	2036444	18	-0.194	0.098	2.5E-03	AT4G04220	-0.2	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2056658	2056731	6	0.186	0.121	7.5E-03	AT4G04260	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2059569	2059614	6	0.168	0.140	5.9E-03	AT4G04260	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2120773	2120806	10	0.243	0.123	1.6E-03	AT4G04340	2.3	2.5E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2120905	2120916	4	0.208	0.131	6.8E-03	AT4G04340	2.3	2.5E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2139504	2139568	4	0.208	0.129	2.5E-03	AT4G04370	0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2140343	2140371	6	0.251	0.137	5.2E-03	AT4G04370	0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2141042	2141086	4	0.213	0.214	7.9E-03	AT4G04370	0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2235419	2235444	6	0.248	0.067	2.5E-04	AT4G04490	-3.7	1.4E-12

5 d.p.i. <i>Pst(avr)</i>	CHH	4	2311268	2311290	8	0.176	0.115	2.4E-03	AT4G04601	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2341520	2341555	10	0.163	0.114	5.4E-03	AT4G04632	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2341657	2341709	10	0.259	0.130	6.3E-04	AT4G04632	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2347181	2347190	4	-0.297	0.069	4.1E-04	AT4G04640	1.4	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2347299	2347316	4	0.232	0.085	3.1E-03	AT4G04640	1.4	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2355219	2355255	6	-0.186	0.182	9.3E-03	AT4G04650	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2359676	2359697	4	0.258	0.153	3.3E-03	AT4G04650	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2393817	2393851	10	0.199	0.102	1.2E-03	AT4G04710	-0.4	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2412691	2412718	6	0.219	0.119	3.8E-03	AT4G04745	1.6	6.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2430794	2430801	4	0.438	0.055	6.1E-04	AT4G04780	0.0	8.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2443460	2443474	4	0.342	0.150	4.5E-03	AT4G04810	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2443490	2443506	4	0.293	0.040	1.2E-03	AT4G04810	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2484218	2484236	6	0.301	0.076	7.3E-05	AT4G04890	2.1	5.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2521590	2521596	4	0.376	0.030	9.4E-06	AT4G04953	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2532224	2532245	4	0.246	0.059	4.5E-04	AT4G04960	-2.6	3.1E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2550926	2550949	6	0.278	0.054	5.9E-03	AT4G04985	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2550953	2550957	4	0.342	0.006	4.5E-04	AT4G04985	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2570693	2570741	4	0.308	0.058	3.1E-03	AT4G05018	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2594957	2594969	6	0.222	0.069	9.5E-04	AT4G05071	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2596848	2596861	4	0.215	0.099	7.4E-03	AT4G05071	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2599581	2599628	8	0.207	0.168	2.0E-03	AT4G05080	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2601947	2601956	4	0.228	0.130	8.7E-03	AT4G05080	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2606199	2606224	4	-0.170	0.105	5.1E-03	AT4G05090	1.0	8.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2617907	2617927	8	0.142	0.086	5.5E-04	AT4G05100	-0.5	8.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2650831	2650849	6	0.179	0.093	6.1E-03	AT4G05136	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2670197	2670212	4	0.241	0.076	5.9E-04	AT4G05170	0.7	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2673752	2673800	14	0.224	0.113	1.8E-03	AT4G05180	1.3	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2674260	2674306	14	0.234	0.111	4.9E-04	AT4G05190	1.5	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2686042	2686101	18	0.145	0.114	2.7E-03	AT4G05220	Inf	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2686503	2686592	14	0.179	0.144	7.3E-04	AT4G05230	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2690765	2690772	4	0.282	0.085	3.7E-03	AT4G05250	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2692709	2692747	6	0.203	0.095	4.5E-03	AT4G05260	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2731630	2731684	6	0.116	0.111	3.9E-03	AT4G05360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2755338	2755343	4	0.385	0.122	6.4E-04	AT4G05430	Inf	8.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2774077	2774114	12	0.272	0.121	6.9E-03	AT4G05490	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2829530	2829579	6	-0.157	0.139	7.3E-03	AT4G05553	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2985141	2985234	6	0.221	0.150	9.5E-03	AT4G05620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2989545	2989605	12	0.185	0.113	1.7E-03	AT4G05630	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	2989811	2989819	4	0.336	0.141	1.2E-03	AT4G05630	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	3113436	3113442	4	0.311	0.077	7.8E-03	AT4G06490	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	3525945	3525995	8	0.146	0.133	5.9E-03	AT4G06639	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	4042545	4042615	6	0.185	0.177	4.4E-03	AT4G06740	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	4045326	4045448	8	0.162	0.167	1.8E-03	AT4G06740	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	4048998	4049061	20	0.147	0.105	3.5E-03	AT4G06740	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	4177885	4177931	8	0.212	0.147	7.7E-03	AT4G07350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	4315152	4315215	8	0.140	0.091	6.9E-03	AT4G07515	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	4347142	4347185	4	0.175	0.110	8.4E-03	AT4G07524	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	4465812	4465824	6	0.304	0.041	2.0E-03	AT4G07675	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	4542794	4542819	4	0.221	0.095	9.1E-03	AT4G07740	nd	nd

5 d.p.i. <i>Pst(avr)</i>	C HH	4	4603668	4603698	4	0.227	0.069	3.4E-03	AT4G07786	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4642221	4642231	4	0.225	0.129	9.5E-03	AT4G07825	0.0	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4730188	4730263	6	-0.324	0.182	6.0E-03	AT4G07932	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4730712	4730808	8	0.148	0.107	6.3E-03	AT4G07932	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4796146	4796154	4	0.390	0.057	4.3E-04	AT4G07950	-0.6	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4801296	4801419	6	0.162	0.132	8.2E-03	AT4G07950	-0.6	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4809634	4809654	8	0.329	0.114	3.7E-04	AT4G07965	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4809667	4809700	8	0.250	0.110	3.5E-03	AT4G07965	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4813507	4813558	4	0.314	0.299	9.8E-04	AT4G07965	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4844032	4844049	6	0.345	0.065	6.6E-04	AT4G08025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4844062	4844073	6	0.223	0.119	5.7E-03	AT4G08025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4844102	4844114	4	0.295	0.104	1.2E-03	AT4G08025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4844481	4844491	4	0.255	0.118	5.2E-03	AT4G08025	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	4948512	4948568	6	0.217	0.128	7.8E-03	AT4G08073	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5138284	5138297	4	0.275	0.087	3.4E-03	AT4G08140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5238258	5238274	4	0.323	0.056	8.2E-05	AT4G08290	-1.8	4.1E-03
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5259460	5259502	4	0.200	0.111	7.2E-03	AT4G08330	0.2	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5284038	5284062	8	0.279	0.156	4.4E-03	AT4G08350	-0.4	5.5E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5292992	5292996	4	0.384	0.041	8.0E-06	AT4G08351	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5292997	5293037	12	0.193	0.081	2.2E-03	AT4G08351	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5293720	5293798	8	0.247	0.109	5.6E-03	AT4G08351	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5317991	5318018	6	0.165	0.117	3.7E-03	AT4G08395	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5326505	5326510	4	0.293	0.085	2.1E-03	AT4G08400	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5333497	5333515	4	0.236	0.079	9.0E-03	AT4G08406	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5355386	5355433	8	0.284	0.116	2.7E-03	AT4G08430	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5368763	5368818	10	0.248	0.048	4.2E-03	AT4G08450	-Inf	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5396109	5396170	4	0.283	0.092	4.4E-03	AT4G08485	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5423579	5423602	4	0.271	0.218	1.9E-03	AT4G08530	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5430903	5430908	4	0.377	0.055	3.1E-03	AT4G08540	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5431564	5431591	6	0.205	0.108	3.5E-03	AT4G08540	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5433253	5433270	6	0.313	0.171	9.0E-03	AT4G08540	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5441585	5441599	4	0.384	0.064	2.3E-04	AT4G08550	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5449332	5449406	4	0.221	0.212	5.8E-04	AT4G08560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5449491	5449499	4	0.229	0.102	1.3E-03	AT4G08560	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5456434	5456530	8	0.259	0.120	5.1E-03	AT4G08570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5534874	5534906	6	0.230	0.088	7.7E-03	AT4G08670	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5539564	5539571	4	0.373	0.066	5.0E-05	AT4G08670	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5548659	5548664	4	0.296	0.048	4.2E-05	AT4G08685	3.2	2.6E-09
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5557471	5557510	8	0.168	0.104	1.1E-03	AT4G08691	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5569160	5569170	4	0.261	0.255	1.0E-03	AT4G08700	0.5	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5571766	5571788	6	0.162	0.111	2.8E-03	AT4G08700	0.5	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5604487	5604588	20	0.230	0.098	2.4E-04	AT4G08780	-Inf	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5605001	5605060	6	0.137	0.133	7.1E-03	AT4G08780	-Inf	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5611898	5611930	4	0.275	0.095	1.9E-03	AT4G08790	0.4	5.3E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5613224	5613236	4	0.420	0.179	6.4E-04	AT4G08800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5613389	5613421	4	0.247	0.039	6.8E-03	AT4G08800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5613514	5613561	6	0.253	0.232	5.4E-03	AT4G08800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5618995	5619014	6	0.242	0.057	4.7E-03	AT4G08810	0.4	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	4	5630103	5630117	6	0.296	0.117	4.5E-03	AT4G08840	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	4	5645236	5645245	4	0.382	0.066	1.9E-03	AT4G08870	-1.1	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5645254	5645288	12	0.188	0.107	4.4E-04	AT4G08870	-1.1	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5667621	5667632	4	0.223	0.155	9.4E-03	AT4G08868	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5670572	5670586	6	0.249	0.155	8.7E-03	AT4G08868	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5670603	5670636	8	0.172	0.082	5.0E-04	AT4G08868	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5670987	5671004	6	0.288	0.126	3.1E-04	AT4G08868	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5672120	5672147	10	0.306	0.060	2.5E-03	AT4G08874	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5676761	5676786	6	0.196	0.115	3.4E-03	AT4G08876	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5679267	5679275	4	0.338	0.099	3.0E-03	AT4G08876	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5679277	5679290	4	0.193	0.164	9.0E-03	AT4G08876	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5679316	5679339	4	0.402	0.071	3.0E-04	AT4G08876	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5680017	5680026	4	0.208	0.114	3.2E-04	AT4G08876	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5680493	5680513	4	0.200	0.085	8.7E-03	AT4G08878	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5693827	5693870	4	0.477	0.138	6.7E-03	AT4G08895	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5710602	5710612	4	0.246	0.095	7.5E-04	AT4G08910	Inf	3.8E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5719611	5719619	4	0.254	0.114	2.3E-03	AT4G08920	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5720704	5720720	4	0.219	0.109	4.2E-03	AT4G08920	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5721915	5721949	8	0.390	0.217	2.0E-03	AT4G08920	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5743799	5743804	4	0.406	0.112	1.2E-03	AT4G08960	-0.4	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5744604	5744662	10	0.207	0.072	6.8E-04	AT4G08960	-0.4	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5744730	5744740	6	0.272	0.083	4.7E-04	AT4G08960	-0.4	6.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5755866	5755887	4	0.434	0.161	9.5E-04	AT4G08980	-0.8	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5763878	5763905	10	0.257	0.060	5.6E-04	AT4G08990	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5772202	5772212	4	-0.200	0.104	6.2E-03	AT4G09000	0.7	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5789090	5789124	8	0.430	0.118	1.2E-04	AT4G09030	-1.7	3.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5789135	5789169	12	0.284	0.115	2.9E-04	AT4G09030	-1.7	3.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5792838	5792880	6	0.215	0.082	4.3E-03	AT4G09030	-1.7	3.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5837048	5837135	26	0.242	0.127	3.3E-03	AT4G09153	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5844668	5844677	4	0.409	0.163	1.5E-03	AT4G09170	0.5	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5894459	5894481	4	0.290	0.107	7.8E-04	AT4G09300	-5.4	6.6E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5906674	5906749	8	0.199	0.178	5.0E-03	AT4G09310	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5919317	5919347	8	0.195	0.126	9.3E-03	AT4G09320	1.3	6.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5919385	5919397	4	0.309	0.053	1.9E-05	AT4G09320	1.3	6.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5928212	5928224	4	0.203	0.077	7.7E-03	AT4G09340	-0.4	6.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5928817	5928865	6	0.240	0.176	4.2E-03	AT4G09340	-0.4	6.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5929380	5929409	8	0.161	0.118	4.3E-03	AT4G09340	-0.4	6.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5939749	5939774	4	0.254	0.137	5.6E-03	AT4G09360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5964450	5964462	6	-0.253	0.036	3.5E-03	AT4G09420	-1.4	5.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5968147	5968177	4	0.134	0.140	9.9E-03	AT4G09430	-2.9	2.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5969286	5969322	6	0.203	0.130	5.1E-03	AT4G09430	-2.9	2.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5979667	5979679	6	0.294	0.079	2.6E-03	AT4G09440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5988302	5988324	6	0.228	0.093	2.3E-03	AT4G09460	-0.7	5.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	5991892	5991908	6	0.255	0.151	5.1E-03	AT4G09460	-0.7	5.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6014942	6014954	4	-0.410	0.041	2.4E-05	AT4G09490	-0.6	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6016480	6016499	4	0.231	0.122	3.1E-03	AT4G09490	-0.6	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6024601	6024614	4	0.348	0.124	4.6E-03	AT4G09510	1.7	9.8E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6045586	6045610	4	0.259	0.114	2.0E-03	AT4G09560	0.3	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6045618	6045657	10	0.233	0.145	4.8E-04	AT4G09560	0.3	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6057577	6057591	8	0.207	0.080	3.1E-03	AT4G09580	-0.1	9.9E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	4	6064939	6064967	4	0.236	0.106	3.7E-03	AT4G09590	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6091633	6091672	6	0.220	0.134	5.4E-03	AT4G09640	1.3	5.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6106123	6106145	4	-0.377	0.110	9.5E-04	AT4G09660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6106777	6106819	6	0.276	0.171	4.1E-04	AT4G09670	1.0	7.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6127494	6127512	4	0.226	0.107	4.7E-03	AT4G09690	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6140487	6140502	6	0.278	0.120	5.2E-04	AT4G09731	0.5	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6157539	6157550	6	0.378	0.072	5.8E-04	AT4G09775	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6157561	6157573	6	0.501	0.099	1.0E-04	AT4G09775	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6161913	6161952	10	0.215	0.119	7.0E-03	AT4G09784	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6168339	6168460	12	0.198	0.090	5.3E-03	AT4G09795	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6172475	6172497	8	0.227	0.122	7.2E-03	AT4G09800	0.0	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6172519	6172537	4	0.326	0.117	1.2E-03	AT4G09800	0.0	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6179481	6179542	10	0.196	0.144	1.5E-03	AT4G09810	1.1	1.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6184103	6184121	4	0.382	0.070	2.2E-04	AT4G09820	-2.1	5.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6203635	6203664	4	0.242	0.158	2.3E-03	AT4G09870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6216622	6216638	4	0.209	0.130	3.0E-03	AT4G09890	1.2	6.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6243246	6243284	8	0.297	0.065	6.6E-05	AT4G09965	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6253022	6253058	8	0.141	0.102	3.0E-03	AT4G09980	-0.2	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6253100	6253134	6	0.231	0.166	4.0E-03	AT4G09980	-0.2	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6279448	6279460	4	0.289	0.162	8.4E-03	AT4G10040	-0.5	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6280692	6280702	4	0.291	0.016	2.0E-04	AT4G10040	-0.5	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6287673	6287684	4	0.355	0.096	2.4E-03	AT4G10050	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6288055	6288112	4	0.257	0.095	9.4E-03	AT4G10060	0.4	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6290647	6290660	4	-0.223	0.053	6.7E-03	AT4G10060	0.4	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6303170	6303213	10	0.213	0.070	4.3E-03	AT4G10080	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6304811	6304826	6	0.264	0.080	5.2E-03	AT4G10090	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6312719	6312728	4	0.316	0.109	1.1E-03	AT4G10115	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6312745	6312785	6	0.173	0.096	4.5E-03	AT4G10115	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6326562	6326569	4	-0.246	0.087	1.2E-03	AT4G10150	3.3	1.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6331811	6331820	4	-0.330	0.048	1.3E-05	AT4G10150	3.3	1.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6333230	6333238	4	0.348	0.173	2.7E-03	AT4G10160	2.9	9.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6333261	6333270	4	0.299	0.067	1.1E-04	AT4G10160	2.9	9.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6339194	6339202	4	0.242	0.060	1.5E-03	AT4G10160	2.9	9.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6339227	6339273	8	0.238	0.092	4.6E-04	AT4G10160	2.9	9.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6388915	6388928	4	0.375	0.157	1.3E-03	AT4G10310	2.4	1.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6389228	6389244	6	0.238	0.161	1.5E-03	AT4G10310	2.4	1.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6389473	6389485	4	0.433	0.131	5.6E-03	AT4G10310	2.4	1.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6414396	6414454	10	0.234	0.156	2.3E-03	AT4G10350	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6419049	6419069	4	0.372	0.059	9.4E-04	AT4G10360	0.4	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6419350	6419364	6	0.372	0.050	3.5E-07	AT4G10360	0.4	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6474081	6474096	6	0.182	0.167	1.2E-03	AT4G10465	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6504825	6504832	4	0.317	0.034	5.9E-04	AT4G10530	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6506217	6506225	4	0.411	0.043	3.7E-04	AT4G10530	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6529407	6529476	14	0.140	0.087	8.1E-03	AT4G10570	-0.4	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6551631	6551647	6	0.310	0.079	4.1E-04	AT4G10603	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6553525	6553534	4	0.168	0.132	5.0E-03	AT4G10603	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6579234	6579244	4	0.480	0.056	5.2E-05	AT4G10650	-0.1	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6579268	6579282	6	0.284	0.111	1.4E-03	AT4G10650	-0.1	9.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6581662	6581702	4	0.202	0.186	7.0E-03	AT4G10660	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	4	6639122	6639140	4	0.308	0.179	6.8E-03	AT4G10780	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6639179	6639186	4	0.281	0.044	5.5E-04	AT4G10780	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6639223	6639256	8	0.234	0.098	6.5E-03	AT4G10780	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6660988	6661004	4	0.261	0.085	7.0E-03	AT4G10845	-3.4	3.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6661405	6661415	4	0.314	0.103	1.2E-03	AT4G10845	-3.4	3.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6677503	6677553	4	0.206	0.120	2.1E-03	AT4G10860	-4.7	3.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6699432	6699436	4	0.170	0.115	8.0E-03	AT4G10920	-0.7	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6699859	6699875	6	0.290	0.162	1.3E-03	AT4G10920	-0.7	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6700355	6700385	8	0.197	0.064	2.7E-04	AT4G10920	-0.7	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6719140	6719164	10	0.261	0.069	4.4E-03	AT4G10955	-1.9	1.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6753802	6753820	6	0.235	0.159	8.3E-03	AT4G11050	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6756842	6756856	4	0.323	0.040	7.3E-04	AT4G11060	0.9	3.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6812848	6812880	4	-0.230	0.084	1.8E-03	AT4G11170	-5.9	3.9E-26
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6831862	6831867	4	0.467	0.119	7.6E-05	AT4G11210	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6831872	6831927	8	0.310	0.139	1.6E-03	AT4G11210	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6846172	6846240	20	0.287	0.144	8.1E-03	AT4G11230	0.3	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6895524	6895545	6	0.192	0.116	3.7E-03	AT4G11340	-2.9	8.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6910426	6910457	4	0.298	0.060	2.6E-03	AT4G11370	0.9	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6916994	6917006	6	0.120	0.106	5.8E-03	AT4G11380	0.2	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6944489	6944505	8	0.319	0.254	6.8E-05	AT4G11410	-0.4	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	6978202	6978244	8	0.283	0.138	1.2E-04	AT4G11490	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7030515	7030526	4	0.353	0.176	7.6E-03	AT4G11650	-11.7	4.9E-38
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7033516	7033534	6	0.233	0.187	2.7E-03	AT4G11653	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7067451	7067514	12	0.242	0.128	4.1E-03	AT4G11730	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7102474	7102494	6	0.271	0.132	1.0E-03	AT4G11800	-0.6	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7143905	7143924	4	-0.227	0.116	2.3E-03	AT4G11880	-0.6	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7155459	7155473	4	0.374	0.134	2.8E-04	AT4G11910	-4.5	1.9E-16
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7164648	7164659	4	0.395	0.060	1.4E-04	AT4G11930	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7171199	7171204	4	0.344	0.164	1.0E-03	AT4G11940	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7195763	7195782	4	0.369	0.278	1.3E-03	AT4G12000	0.3	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7249315	7249382	12	0.142	0.120	1.5E-03	AT4G12100	-Inf	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7267390	7267434	10	0.357	0.116	2.3E-03	AT4G12140	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7267436	7267447	4	0.276	0.105	2.1E-03	AT4G12140	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7345872	7345889	6	0.230	0.075	2.4E-03	AT4G12410	1.5	5.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7364553	7364577	10	0.225	0.098	2.6E-03	AT4G12430	1.6	1.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7404742	7404760	6	0.305	0.166	1.2E-04	AT4G12480	-6.1	3.3E-36
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7437817	7437827	4	0.308	0.118	1.4E-04	AT4G12550	-Inf	4.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7438592	7438619	4	-0.380	0.149	8.0E-04	AT4G12550	-Inf	4.5E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7519920	7519940	4	0.157	0.138	3.3E-03	AT4G12790	0.0	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7527193	7527219	10	0.265	0.148	5.3E-04	AT4G12820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7565175	7565181	4	0.337	0.070	1.0E-04	AT4G12920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7578996	7579009	6	-0.179	0.063	1.6E-03	AT4G12950	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7593268	7593274	4	0.294	0.086	6.4E-03	AT4G12980	4.3	5.6E-35
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7640389	7640399	4	0.264	0.124	3.0E-03	AT4G13110	-1.6	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7652633	7652664	6	0.173	0.097	3.3E-03	AT4G13150	0.7	2.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7690820	7690869	4	0.342	0.118	7.3E-05	AT4G13250	-1.9	8.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7724464	7724471	4	0.208	0.139	4.3E-03	AT4G13260	1.8	2.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7724479	7724495	4	0.197	0.189	6.8E-03	AT4G13260	1.8	2.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7724504	7724522	4	0.341	0.067	3.2E-03	AT4G13260	1.8	2.2E-02

5 d.p.i. <i>Pst(avr)</i>	CHH	4	7752537	7752559	6	0.268	0.150	3.1E-03	AT4G13310	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7774472	7774483	4	0.239	0.105	7.4E-03	AT4G13360	-0.6	4.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7830167	7830214	10	0.187	0.159	5.2E-04	AT4G13460	-0.5	5.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7843887	7843894	4	0.249	0.051	3.8E-03	AT4G13490	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7896908	7896956	8	0.209	0.144	1.8E-03	AT4G13575	3.0	5.3E-10
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7906084	7906108	4	0.413	0.105	3.1E-03	AT4G13590	0.6	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	7944240	7944295	8	0.214	0.085	3.6E-03	AT4G13650	1.2	9.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8138407	8138437	6	0.186	0.163	2.1E-03	AT4G14130	3.6	2.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8144922	8144927	4	0.342	0.032	1.3E-04	AT4G14140	1.2	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8145448	8145469	4	0.250	0.124	3.4E-03	AT4G14140	1.2	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8252402	8252413	4	0.302	0.047	9.3E-04	AT4G14340	-0.1	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8264328	8264388	14	0.233	0.109	9.0E-03	AT4G14358	1.6	5.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8314377	8314391	4	0.332	0.105	3.1E-03	AT4G14455	0.6	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8421876	8421884	4	0.215	0.118	3.5E-03	AT4G14700	0.0	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8443481	8443519	6	0.227	0.104	1.9E-03	AT4G14723	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8487324	8487333	6	0.192	0.113	3.8E-03	AT4G14770	3.4	1.2E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8503610	8503625	4	0.314	0.124	8.5E-05	AT4G14805	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8537460	8537469	6	0.207	0.123	8.7E-03	AT4G14930	-1.6	3.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8544639	8544658	4	0.236	0.116	3.4E-03	AT4G14950	-1.3	4.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8564864	8564881	6	0.220	0.106	9.5E-03	AT4G14980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8633294	8633328	8	0.151	0.133	3.8E-03	AT4G15110	1.1	8.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8729900	8729916	4	0.344	0.055	2.2E-03	AT4G15300	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8783847	8783853	4	-0.338	0.069	2.8E-03	AT4G15370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8836843	8836879	10	0.283	0.101	3.4E-03	AT4G15440	-0.6	4.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8882266	8882273	4	0.356	0.061	3.1E-05	AT4G15560	1.5	9.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	8960406	8960429	6	0.180	0.076	7.6E-03	AT4G15733	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9069906	9069922	4	0.292	0.196	2.3E-03	AT4G16008	1.5	9.0E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9146572	9146590	6	0.204	0.094	3.0E-03	AT4G16150	-0.8	3.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9189639	9189748	6	0.203	0.073	2.4E-03	AT4G16240	-0.8	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9192605	9192618	4	0.229	0.170	1.3E-03	AT4G16240	-0.8	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9284788	9284817	12	0.260	0.096	1.3E-03	AT4G16460	-0.6	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9317283	9317387	6	0.193	0.106	4.7E-03	AT4G16540	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9357348	9357355	4	0.218	0.095	1.6E-03	AT4G16610	2.3	3.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9484992	9485073	4	0.302	0.203	3.1E-03	AT4G16855	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9522213	9522252	8	0.159	0.114	9.8E-03	AT4G16920	0.6	5.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9523241	9523264	8	0.228	0.051	1.8E-03	AT4G16920	0.6	5.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9560819	9560829	4	0.286	0.053	4.6E-05	AT4G16990	-0.7	5.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9687706	9687714	4	0.270	0.074	2.7E-03	AT4G17310	0.3	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9737762	9737765	4	-0.155	0.109	7.6E-03	AT4G17453	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9913486	9913502	4	0.239	0.140	8.2E-03	AT4G17830	-0.2	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9980924	9980930	4	-0.207	0.107	9.0E-03	AT4G17980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9981472	9981495	4	0.223	0.087	5.4E-03	AT4G17980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	9987512	9987551	8	0.361	0.085	1.3E-03	AT4G17990	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10036845	10036864	6	0.159	0.087	3.8E-03	AT4G18100	0.8	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10049970	10050008	10	0.183	0.128	3.0E-03	AT4G18150	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10178810	10178831	4	0.262	0.226	6.9E-03	AT4G18422	2.2	5.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10189427	10189450	4	0.178	0.124	8.9E-03	AT4G18440	2.8	4.1E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10192489	10192553	14	0.261	0.115	1.5E-03	AT4G18470	1.0	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10266624	10266634	4	0.288	0.017	1.0E-03	AT4G18650	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	4	10266646	10266671	6	0.361	0.171	2.6E-03	AT4G18650	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10269858	10269875	4	0.227	0.131	9.1E-03	AT4G18660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10271464	10271479	4	0.423	0.111	7.3E-05	AT4G18660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10271607	10271615	4	0.243	0.103	9.6E-03	AT4G18660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10285823	10285859	4	0.270	0.107	1.1E-03	AT4G18692	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10351378	10351394	8	0.324	0.111	3.1E-05	AT4G18890	-1.3	2.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10351428	10351447	4	0.179	0.106	4.7E-03	AT4G18890	-1.3	2.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10380675	10380685	4	0.260	0.092	9.0E-03	AT4G18960	1.8	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10396866	10396938	10	0.161	0.098	4.6E-03	AT4G18980	-3.1	1.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10397291	10397349	6	0.436	0.149	5.6E-04	AT4G18980	-3.1	1.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10401622	10401626	4	0.292	0.083	7.3E-04	AT4G18990	-4.3	2.3E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10401639	10401687	10	0.255	0.155	2.0E-03	AT4G18990	-4.3	2.3E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10401730	10401749	8	0.153	0.101	6.8E-03	AT4G18990	-4.3	2.3E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10550054	10550127	6	0.273	0.167	3.3E-03	AT4G19330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10554173	10554194	6	0.225	0.091	8.3E-03	AT4G19330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10630970	10630982	4	0.349	0.023	8.4E-05	AT4G19510	-1.6	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10631254	10631267	4	0.346	0.043	1.4E-04	AT4G19510	-1.6	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10631312	10631320	4	0.380	0.079	2.2E-04	AT4G19510	-1.6	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10631334	10631343	4	0.434	0.070	6.3E-04	AT4G19510	-1.6	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10793866	10793881	4	0.324	0.072	3.7E-04	AT4G19905	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10793885	10793903	6	0.251	0.060	7.5E-04	AT4G19905	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10827494	10827515	4	-0.217	0.145	9.2E-03	AT4G19980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10827601	10827695	8	0.209	0.119	5.0E-04	AT4G19980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10889950	10889973	6	0.210	0.114	7.1E-04	AT4G20150	0.8	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	10901326	10901354	4	0.334	0.111	5.7E-04	AT4G20170	0.1	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11224161	11224179	6	0.281	0.067	1.9E-03	AT4G21000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11224199	11224216	8	0.255	0.094	8.6E-03	AT4G21000	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11235944	11235950	4	0.297	0.076	1.3E-04	AT4G21040	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11241201	11241220	4	0.248	0.104	3.4E-03	AT4G21060	0.9	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11681172	11681182	4	0.262	0.090	8.3E-03	AT4G22050	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11696382	11696418	6	0.296	0.201	8.5E-03	AT4G22070	-5.3	1.8E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11825899	11825965	6	0.124	0.153	8.3E-03	AT4G22420	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11825993	11826009	4	-0.248	0.117	9.0E-03	AT4G22420	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	11838147	11838171	4	0.228	0.079	8.8E-03	AT4G22460	-Inf	1.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12052419	12052429	4	-0.206	0.122	9.6E-04	AT4G22990	1.1	5.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12052667	12052677	4	0.232	0.068	2.7E-03	AT4G22990	1.1	5.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12365216	12365305	16	0.215	0.105	2.6E-03	AT4G23740	1.7	2.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12365455	12365467	4	0.264	0.090	4.5E-04	AT4G23740	1.7	2.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12385157	12385245	4	0.126	0.208	9.5E-03	AT4G23770	-0.2	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12570058	12570089	6	0.286	0.090	1.7E-04	AT4G24231	0.6	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12570774	12570795	8	-0.176	0.100	6.6E-03	AT4G24240	0.5	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12714081	12714117	12	0.164	0.084	2.9E-03	AT4G24630	-1.2	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12830216	12830243	6	0.296	0.076	4.3E-03	AT4G24970	1.1	7.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	12967900	12967906	4	0.349	0.208	8.9E-04	AT4G25350	1.2	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13038255	13038273	4	-0.235	0.126	1.2E-03	AT4G25530	Inf	2.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13051881	13051891	4	0.318	0.098	4.2E-04	AT4G25560	-Inf	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13124229	13124236	4	0.229	0.192	4.5E-03	AT4G25800	-1.4	4.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13332149	13332159	4	0.254	0.114	2.2E-03	AT4G26370	2.6	5.9E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13419298	13419313	4	-0.240	0.093	5.0E-03	AT4G26600	0.7	6.6E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	4	13537667	13537749	18	0.250	0.136	8.5E-03	AT4G26965	-0.6	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13580479	13580537	4	0.252	0.113	1.6E-04	AT4G27050	-0.3	7.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13657261	13657287	8	0.282	0.086	1.5E-03	AT4G27260	-3.8	2.1E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13657660	13657677	6	0.359	0.078	2.0E-04	AT4G27260	-3.8	2.1E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	4	13657690	13657771	10	0.296	0.134	2.4E-03	AT4G27260	-3.8	2.1E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14245920	14245930	4	0.199	0.117	9.9E-03	AT4G28850	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14250878	14250887	4	0.323	0.089	4.8E-04	AT4G28880	-0.5	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14280473	14280483	4	-0.256	0.101	6.1E-03	AT4G28950	Inf	2.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14284669	14284684	4	0.217	0.112	8.9E-03	AT4G28980	-0.2	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14390494	14390525	8	0.187	0.091	7.2E-03	AT4G29190	1.3	2.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14436374	14436393	4	0.288	0.079	9.1E-04	AT4G29305	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14569310	14569337	4	0.256	0.073	9.4E-04	AT4G29740	2.2	2.7E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14750635	14750670	8	0.258	0.155	2.1E-03	AT4G30160	0.2	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14813889	14813904	6	0.475	0.094	1.6E-04	AT4G30250	3.2	5.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14813913	14813942	6	0.157	0.112	8.9E-03	AT4G30250	3.2	5.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	14979182	14979194	6	0.226	0.104	5.0E-03	AT4G30740	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	15012809	15012822	4	-0.275	0.124	1.2E-03	AT4G30825	0.9	1.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	15200767	15200783	6	0.242	0.108	1.8E-03	AT4G31330	0.4	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	15373511	15373531	8	0.269	0.137	1.3E-03	AT4G31780	0.7	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	15373544	15373556	8	0.298	0.104	1.3E-03	AT4G31780	0.7	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	15398555	15398564	4	0.209	0.103	6.6E-03	AT4G31830	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	15442086	15442104	4	0.264	0.130	7.6E-03	AT4G31910	1.8	2.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	15698778	15698795	6	0.287	0.049	5.2E-03	AT4G32540	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	15816615	15816621	4	0.268	0.077	4.6E-03	AT4G32800	2.9	5.5E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	4	16055442	16055472	6	0.317	0.108	4.6E-03	AT4G33300	-0.7	5.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	16572576	16572591	4	0.237	0.093	4.5E-03	AT4G34730	0.7	3.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	16864021	16864025	4	0.286	0.108	2.0E-03	AT4G35519	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	16864318	16864341	6	0.296	0.214	1.5E-03	AT4G35519	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	16946130	16946170	6	-0.316	0.071	3.2E-05	AT4G35770	-2.1	5.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	17394804	17394815	6	0.245	0.166	6.7E-03	AT4G36910	-0.8	3.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	17449110	17449115	4	0.393	0.055	3.4E-03	AT4G37022	-2.7	3.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	17450009	17450039	8	0.247	0.104	3.6E-04	AT4G37030	-2.1	3.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	17450527	17450550	4	0.328	0.232	2.4E-03	AT4G37030	-2.1	3.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	17624928	17624954	10	0.310	0.119	4.5E-03	AT4G37500	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	4	17655933	17655945	6	-0.186	0.093	2.1E-03	AT4G37580	1.2	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	17716199	17716208	4	0.213	0.115	2.7E-03	AT4G37710	-1.9	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	18232417	18232435	4	0.287	0.165	3.0E-03	AT4G39140	-1.5	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	4	18248017	18248032	4	0.253	0.034	1.1E-03	AT4G39180	-0.7	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	18498908	18498919	4	0.331	0.036	4.8E-04	AT4G39860	-0.1	7.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	4	18510503	18510509	4	-0.405	0.052	1.0E-03	AT4G39900	1.7	1.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	18510511	18510519	4	-0.542	0.022	5.6E-04	AT4G39900	1.7	1.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	4	18510521	18510529	4	-0.473	0.070	2.0E-04	AT4G39900	1.7	1.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	250233	250238	4	-0.259	0.067	2.7E-03	AT5G01670	-1.2	5.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	251095	251103	4	0.294	0.080	1.3E-03	AT5G01670	-1.2	5.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	348064	348082	4	0.396	0.089	5.5E-03	AT5G01890	2.5	1.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	349961	349979	4	0.331	0.168	8.4E-03	AT5G01900	-3.5	1.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	354157	354174	4	0.254	0.041	1.7E-04	AT5G01900	-3.5	1.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	354670	354679	4	0.279	0.110	3.7E-03	AT5G01900	-3.5	1.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	354748	354795	12	0.241	0.099	6.7E-03	AT5G01900	-3.5	1.3E-05

5 d.p.i. <i>Pst(avr)</i>	CHH	5	355425	355434	4	0.309	0.071	8.4E-03	AT5G01900	-3.5	1.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	356572	356632	16	0.280	0.160	4.7E-03	AT5G01910	Inf	5.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	490924	490940	6	0.281	0.114	1.2E-03	AT5G02330	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	699659	699725	4	0.210	0.104	3.7E-03	AT5G02990	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	744067	744075	4	0.276	0.029	2.2E-04	AT5G03150	1.6	2.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	971561	971598	14	-0.198	0.060	1.1E-05	AT5G03710	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	1064071	1064094	6	0.239	0.137	1.7E-04	AT5G03944	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	1180917	1180928	4	0.230	0.137	2.1E-03	AT5G04260	-0.2	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	1518837	1518860	10	0.203	0.111	3.4E-03	AT5G05140	-1.4	3.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	1518893	1518903	6	0.359	0.105	5.8E-04	AT5G05140	-1.4	3.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	1732076	1732097	4	0.220	0.171	6.7E-03	AT5G05760	-0.8	3.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	1817755	1817763	4	0.176	0.178	2.2E-03	AT5G06043	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	1897927	1897952	6	0.222	0.085	7.3E-03	AT5G06250	3.4	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2039886	2039895	4	0.413	0.102	3.4E-04	AT5G06640	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2071592	2071615	6	0.235	0.080	2.2E-03	AT5G06710	1.4	5.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2071886	2071913	6	0.237	0.063	1.3E-03	AT5G06710	1.4	5.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2072352	2072459	20	0.207	0.116	1.3E-03	AT5G06710	1.4	5.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2187131	2187145	4	0.226	0.083	3.1E-03	AT5G07030	7.1	4.9E-16
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2348332	2348370	4	0.206	0.097	5.0E-03	AT5G07420	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2392867	2392910	6	0.214	0.101	7.1E-03	AT5G07570	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2560109	2560115	4	-0.233	0.081	3.7E-04	AT5G07990	-0.2	8.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2860562	2860585	8	-0.177	0.105	1.5E-03	AT5G08790	-0.7	4.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	2957114	2957151	6	-0.212	0.087	4.4E-03	AT5G09510	1.4	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	3019170	3019176	4	0.499	0.017	2.7E-05	AT5G09730	4.5	7.9E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	5	3079455	3079466	4	0.260	0.120	1.6E-03	AT5G09876	-0.7	6.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	3114471	3114576	14	0.255	0.168	6.1E-03	AT5G09970	-1.9	8.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	3162290	3162301	4	-0.207	0.113	1.0E-03	AT5G10100	2.8	1.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	3688700	3688721	8	0.232	0.137	6.4E-03	AT5G11520	-2.3	5.6E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	3815189	3815204	4	-0.301	0.183	1.6E-03	AT5G11840	0.4	4.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	3946110	3946138	8	0.208	0.099	7.0E-03	AT5G12210	-1.0	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	4529947	4529964	6	0.282	0.078	9.9E-03	AT5G14040	0.3	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	4561208	4561214	4	0.296	0.087	4.2E-04	AT5G14140	0.3	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	4561228	4561234	4	0.484	0.095	1.3E-05	AT5G14140	0.3	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	4561240	4561256	6	0.255	0.180	4.9E-04	AT5G14140	0.3	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	4780342	4780351	4	0.373	0.084	6.4E-04	AT5G14790	2.1	3.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	4780939	4780965	10	0.306	0.126	5.4E-04	AT5G14790	2.1	3.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	4989884	4989901	4	0.284	0.094	5.8E-03	AT5G15360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	4989903	4989913	4	0.393	0.092	2.9E-03	AT5G15360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5062432	5062445	4	0.330	0.059	1.0E-03	AT5G15550	0.1	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5114458	5114489	4	0.279	0.175	1.2E-03	AT5G15690	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5128492	5128503	4	0.256	0.054	2.7E-03	AT5G15725	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5128611	5128637	4	0.288	0.087	2.3E-03	AT5G15725	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5129764	5129815	6	-0.202	0.134	6.3E-03	AT5G15730	-0.6	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5644000	5644004	4	-0.324	0.131	6.4E-03	AT5G17165	1.5	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5648114	5648122	4	0.232	0.067	2.6E-03	AT5G17165	1.5	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5702030	5702039	4	-0.190	0.075	8.3E-03	AT5G17310	0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5970563	5970567	4	-0.233	0.051	8.8E-03	AT5G18037	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5976883	5976894	4	0.354	0.062	8.7E-04	AT5G18060	3.8	1.8E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	5978002	5978074	8	0.262	0.139	6.0E-03	AT5G18065	-1.5	7.8E-02

5 d.p.i. <i>Pst(avr)</i>	CHH	5	6072583	6072638	10	0.213	0.102	1.0E-03	AT5G18340	-2.3	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6072657	6072667	4	0.407	0.088	8.8E-03	AT5G18340	-2.3	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6072770	6072778	4	0.303	0.077	1.4E-03	AT5G18340	-2.3	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6073093	6073100	4	0.284	0.084	3.9E-03	AT5G18340	-2.3	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6073227	6073251	6	0.231	0.189	7.7E-03	AT5G18340	-2.3	1.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6109840	6109864	6	0.189	0.130	5.0E-03	AT5G18420	-0.2	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6117679	6117688	4	0.280	0.177	5.0E-03	AT5G18450	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6212542	6212562	4	0.217	0.108	8.3E-03	AT5G18640	-0.8	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6612358	6612371	4	0.362	0.037	4.8E-05	AT5G19590	-0.3	7.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6751404	6751432	4	0.255	0.149	2.1E-03	AT5G19980	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6771375	6771382	4	0.258	0.160	5.1E-03	AT5G20040	0.4	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6771392	6771408	4	0.389	0.092	2.2E-04	AT5G20040	0.4	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6844208	6844218	4	0.330	0.093	6.1E-04	AT5G20270	3.2	1.6E-11
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6886454	6886464	4	0.381	0.042	2.2E-03	AT5G20370	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6915505	6915513	4	-0.242	0.109	2.4E-03	AT5G20460	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6982337	6982356	8	0.271	0.120	3.3E-03	AT5G20635	4.1	7.5E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	6983525	6983534	4	-0.236	0.073	4.2E-03	AT5G20640	0.6	5.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7027523	7027526	4	-0.277	0.033	1.9E-03	AT5G20740	Inf	2.6E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7075994	7076016	6	0.318	0.076	2.0E-04	AT5G20850	0.5	9.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7154403	7154444	10	0.274	0.111	7.3E-05	AT5G21060	1.0	9.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7235643	7235697	12	0.358	0.121	8.9E-04	AT5G21900	-0.9	2.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7261124	7261132	4	-0.286	0.173	1.9E-03	AT5G21970	-0.6	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7276801	7276809	4	0.451	0.031	2.7E-04	AT5G22000	-1.2	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7351857	7351869	4	0.235	0.155	8.9E-03	AT5G22170	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7352754	7352763	4	0.225	0.165	2.5E-03	AT5G22180	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7412938	7413011	12	0.260	0.115	8.1E-04	AT5G22380	-0.8	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7417359	7417401	6	0.220	0.082	1.1E-03	AT5G22390	2.0	4.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7430974	7430993	4	0.221	0.099	7.6E-03	AT5G22420	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7478519	7478526	4	-0.214	0.094	8.9E-03	AT5G22520	-0.5	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7478529	7478535	4	0.559	0.075	1.4E-03	AT5G22520	-0.5	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7478608	7478637	12	0.181	0.100	6.8E-04	AT5G22520	-0.5	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7501810	7501815	4	0.369	0.169	4.5E-04	AT5G22580	3.1	1.6E-11
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7605763	7605770	6	0.310	0.111	5.2E-05	AT5G22791	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7645932	7645959	4	0.232	0.096	4.1E-03	AT5G22870	Inf	2.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7777184	7777196	4	0.388	0.046	1.1E-04	AT5G23120	1.0	1.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7800731	7800738	4	0.296	0.044	4.0E-03	AT5G23180	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7806798	7806802	4	0.399	0.024	1.4E-05	AT5G23200	0.2	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7824740	7824748	4	0.284	0.091	3.1E-04	AT5G23230	-1.0	3.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	7910835	7910855	6	0.234	0.076	6.0E-03	AT5G23450	-0.5	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8067867	8067936	10	0.190	0.106	6.9E-05	AT5G23908	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8107889	8107894	4	0.315	0.029	4.0E-04	AT5G23990	-2.9	1.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8123403	8123419	6	0.367	0.137	3.7E-04	AT5G24030	-0.4	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8133921	8133934	4	0.336	0.053	2.8E-03	AT5G24060	-0.3	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8133992	8134009	4	0.293	0.150	5.1E-03	AT5G24060	-0.3	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8160931	8160969	10	0.183	0.106	1.8E-03	AT5G24120	-1.3	1.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8178074	8178086	4	0.322	0.034	4.9E-04	AT5G24150	-0.4	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8179331	8179349	8	0.192	0.094	9.4E-03	AT5G24155	0.7	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8215169	8215185	4	-0.324	0.246	7.3E-04	AT5G24210	-0.8	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8215237	8215282	6	0.339	0.141	1.6E-03	AT5G24210	-0.8	3.6E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	5	8215536	8215546	4	0.296	0.068	5.0E-04	AT5G24210	-0.8	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8216063	8216083	6	-0.237	0.056	7.5E-03	AT5G24210	-0.8	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8226930	8226951	8	0.240	0.064	3.8E-03	AT5G24220	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8272866	8272882	4	0.270	0.094	4.4E-03	AT5G24310	-0.5	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8280697	8280710	4	0.241	0.160	6.5E-03	AT5G24316	2.5	3.8E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8322636	8322641	4	0.354	0.042	1.4E-04	AT5G24380	-0.3	7.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8353804	8353821	6	0.255	0.151	1.2E-03	AT5G24460	-0.1	9.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8421113	8421134	4	-0.240	0.100	2.1E-03	AT5G24593	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8511231	8511242	6	0.279	0.047	1.5E-04	AT5G24790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8560226	8560275	14	0.157	0.106	1.9E-03	AT5G24890	-0.3	8.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8566112	8566122	6	0.230	0.099	4.9E-04	AT5G24900	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8574677	8574693	4	0.286	0.089	1.9E-03	AT5G24910	-5.9	6.6E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8676287	8676350	10	0.229	0.142	6.8E-03	AT5G25150	-0.3	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8683853	8683874	8	0.304	0.175	7.0E-03	AT5G25160	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8684299	8684310	4	0.271	0.119	5.9E-03	AT5G25160	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8703168	8703219	4	-0.242	0.075	2.3E-03	AT5G25190	3.1	1.3E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8722301	8722313	4	0.187	0.081	4.3E-03	AT5G25210	1.7	2.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8734090	8734124	10	0.171	0.165	8.1E-03	AT5G25220	-0.9	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8769466	8769508	16	0.185	0.066	6.3E-03	AT5G25280	-0.2	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8802970	8803019	8	0.190	0.098	4.6E-03	AT5G25360	0.1	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8825837	8825848	6	-0.284	0.132	3.2E-03	AT5G25400	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8828279	8828347	22	0.159	0.092	4.3E-03	AT5G25410	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8850563	8850569	4	0.419	0.084	3.2E-04	AT5G25430	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	8860766	8860775	4	0.301	0.098	2.0E-03	AT5G25460	3.4	4.9E-12
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9013666	9013725	12	0.196	0.085	3.1E-03	AT5G25850	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9022510	9022519	4	0.231	0.169	8.7E-03	AT5G25880	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9049827	9049834	4	0.296	0.032	6.1E-05	AT5G25930	-0.6	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9090759	9090769	4	0.304	0.153	1.3E-03	AT5G26010	2.2	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9091466	9091479	4	0.341	0.086	2.7E-03	AT5G26010	2.2	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9094578	9094584	4	0.286	0.050	8.1E-03	AT5G26030	0.2	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9096021	9096038	4	0.237	0.078	7.2E-03	AT5G26030	0.2	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9101903	9101930	6	0.164	0.156	9.2E-03	AT5G26040	0.5	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9102548	9102592	12	0.354	0.190	6.8E-03	AT5G26040	0.5	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9102776	9102784	4	0.360	0.050	6.1E-04	AT5G26040	0.5	4.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9187407	9187416	4	0.252	0.169	4.7E-04	AT5G26240	-1.0	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9260421	9260521	6	0.203	0.120	1.8E-03	AT5G26570	0.7	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9284341	9284356	4	0.234	0.058	9.3E-04	AT5G26717	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9290135	9290219	10	0.138	0.105	5.0E-03	AT5G26742	0.4	7.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9321537	9321573	8	0.294	0.133	4.2E-04	AT5G26670	3.5	3.5E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9322408	9322417	4	0.408	0.170	2.0E-03	AT5G26670	3.5	3.5E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9322497	9322506	4	0.318	0.087	2.0E-03	AT5G26670	3.5	3.5E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9357844	9357857	4	0.279	0.142	1.2E-03	AT5G26622	0.1	8.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9363985	9364008	6	0.282	0.055	4.2E-03	AT5G26620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9369699	9369730	8	0.323	0.107	4.2E-03	AT5G26620	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9394787	9394796	4	0.296	0.091	4.1E-04	AT5G26580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9396092	9396180	12	0.187	0.159	9.1E-03	AT5G26580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9407490	9407520	4	0.284	0.071	7.1E-04	AT5G26760	-0.3	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9407532	9407566	8	0.106	0.094	5.7E-03	AT5G26760	-0.3	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9472670	9472694	6	0.427	0.125	1.2E-03	AT5G26912	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	5	9545882	9545891	4	0.477	0.185	1.9E-04	AT5G27130	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9567417	9567443	10	0.179	0.092	3.2E-03	AT5G27170	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9588939	9588966	8	0.225	0.145	2.1E-03	AT5G27230	0.3	9.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9592201	9592275	6	0.221	0.191	7.0E-03	AT5G27238	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9616480	9616526	10	0.211	0.204	1.2E-03	AT5G27280	0.6	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9616615	9616628	4	0.327	0.090	4.3E-04	AT5G27280	0.6	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9616871	9616914	4	0.140	0.124	6.7E-03	AT5G27280	0.6	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9623427	9623435	6	0.210	0.137	1.0E-02	AT5G27300	0.7	3.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9643760	9643779	6	0.207	0.127	8.3E-03	AT5G27350	-2.1	2.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9645566	9645614	4	0.267	0.068	8.7E-03	AT5G27350	-2.1	2.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9665071	9665152	12	0.224	0.088	9.6E-04	AT5G27370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9709790	9709819	6	0.194	0.160	3.4E-03	AT5G27510	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9720980	9721056	4	0.302	0.077	5.9E-03	AT5G27530	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9738833	9738843	4	0.309	0.032	2.1E-04	AT5G27580	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9740432	9740514	12	0.204	0.170	4.1E-03	AT5G27600	-2.0	7.9E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9754522	9754541	6	0.217	0.168	5.5E-03	AT5G27606	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9763036	9763066	8	0.279	0.147	5.2E-03	AT5G27610	-1.0	1.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9770086	9770117	6	0.296	0.091	1.8E-03	AT5G27620	1.2	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9809500	9809510	4	0.260	0.069	9.0E-03	AT5G27700	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9840248	9840281	8	0.184	0.165	1.7E-03	AT5G27780	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9872568	9872586	4	0.219	0.160	6.8E-03	AT5G27850	0.7	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9877507	9877608	18	0.200	0.142	1.6E-03	AT5G27860	-1.3	7.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9887497	9887554	6	0.221	0.090	3.6E-03	AT5G27880	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9890411	9890418	4	0.256	0.100	6.5E-03	AT5G27880	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9899528	9899540	4	0.215	0.114	3.3E-03	AT5G27889	-0.4	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	9940506	9940560	10	0.218	0.085	4.3E-04	AT5G27910	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10000497	10000513	4	0.464	0.136	6.7E-03	AT5G27967	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10002986	10002998	4	0.329	0.111	1.4E-03	AT5G27967	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10041843	10041939	4	0.170	0.110	7.7E-03	AT5G28040	-0.7	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10072167	10072171	4	0.302	0.088	6.6E-04	AT5G28060	-0.2	8.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10098324	10098355	6	0.248	0.119	1.7E-03	AT5G28090	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10165113	10165121	4	-0.265	0.122	3.0E-03	AT5G28180	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10187522	10187532	4	0.377	0.067	1.1E-03	AT5G28210	0.1	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10187544	10187548	4	0.295	0.159	9.6E-03	AT5G28210	0.1	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10187904	10187918	4	0.383	0.025	2.2E-04	AT5G28210	0.1	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10188025	10188033	4	0.371	0.153	3.9E-04	AT5G28210	0.1	7.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10197144	10197227	10	0.198	0.089	6.0E-03	AT5G28220	-0.4	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10205966	10205983	4	0.302	0.054	1.4E-03	AT5G28235	-Inf	9.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10206017	10206028	4	0.219	0.129	7.3E-03	AT5G28235	-Inf	9.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10214451	10214460	4	0.370	0.072	1.7E-04	AT5G28237	-3.4	1.6E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10214461	10214470	4	0.251	0.045	1.3E-03	AT5G28237	-3.4	1.6E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10275134	10275158	8	0.204	0.122	3.9E-04	AT5G28288	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10278242	10278267	6	0.287	0.059	3.1E-03	AT5G28288	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10278283	10278306	6	0.134	0.131	4.5E-03	AT5G28288	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10288456	10288462	4	0.281	0.151	4.6E-03	AT5G28295	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10290341	10290352	4	0.343	0.070	2.5E-04	AT5G28300	-1.2	4.2E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10354126	10354158	6	0.220	0.104	2.6E-03	AT5G28410	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10362560	10362569	4	-0.256	0.149	3.1E-03	AT5G28420	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10364222	10364269	6	0.360	0.202	3.7E-04	AT5G28420	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	5	10475412	10475469	4	0.363	0.105	4.2E-03	AT5G28500	1.5	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10475843	10475877	8	0.299	0.140	1.4E-03	AT5G28500	1.5	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10476118	10476133	8	0.220	0.104	4.4E-03	AT5G28500	1.5	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10476864	10476885	4	0.262	0.065	1.3E-03	AT5G28500	1.5	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10529598	10529614	6	0.281	0.118	4.8E-04	AT5G28530	0.4	7.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10546643	10546650	4	0.251	0.146	8.7E-03	AT5G28540	0.9	3.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10555892	10555929	12	0.217	0.124	9.2E-04	AT5G28550	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10565809	10565841	4	0.319	0.072	2.6E-04	AT5G28560	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10566354	10566487	6	0.213	0.097	4.6E-03	AT5G28560	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10567375	10567436	6	-0.156	0.141	8.7E-03	AT5G28560	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10635040	10635081	12	0.172	0.113	4.2E-03	AT5G28630	2.6	2.2E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10646089	10646096	4	0.227	0.075	9.2E-03	AT5G28640	4.2	1.7E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10682222	10682236	4	0.237	0.064	2.6E-03	AT5G28660	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10773805	10773816	4	0.383	0.023	2.1E-03	AT5G28720	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10793431	10793572	10	0.186	0.086	7.1E-03	AT5G28770	-0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10798758	10798771	4	0.278	0.063	2.2E-03	AT5G28770	-0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10841173	10841178	4	0.193	0.095	6.0E-03	AT5G28823	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10844436	10844440	4	-0.317	0.095	3.4E-03	AT5G28823	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10844450	10844453	4	-0.354	0.152	2.4E-03	AT5G28823	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10867882	10867891	4	0.329	0.065	5.9E-04	AT5G28840	-1.3	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10868889	10868946	6	0.206	0.156	7.1E-03	AT5G28840	-1.3	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10884308	10884320	4	0.188	0.116	1.5E-03	AT5G28850	0.0	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10945099	10945110	4	0.271	0.025	1.2E-05	AT5G28920	-0.4	6.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10956885	10956907	4	0.269	0.158	8.9E-03	AT5G28931	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10961954	10961967	4	0.171	0.124	6.0E-03	AT5G28931	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	10962418	10962432	4	0.170	0.140	5.9E-03	AT5G28931	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11028977	11028983	4	0.284	0.010	5.7E-06	AT5G29000	-1.1	7.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11106205	11106239	4	0.209	0.113	3.5E-03	AT5G29044	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11159683	11159720	4	-0.139	0.142	5.9E-03	AT5G29231	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11369405	11369416	4	0.409	0.052	5.1E-04	AT5G30341	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11377924	11377931	4	0.231	0.131	9.8E-03	AT5G30495	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11379312	11379334	4	0.487	0.134	8.5E-05	AT5G30495	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11379335	11379378	12	0.267	0.170	2.8E-03	AT5G30495	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11379410	11379448	8	0.176	0.098	1.4E-03	AT5G30495	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11379509	11379550	10	0.186	0.127	1.0E-03	AT5G30495	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11383341	11383365	8	0.212	0.108	6.6E-03	AT5G30495	0.2	8.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11545781	11545851	4	0.205	0.076	2.7E-03	AT5G31412	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11609482	11609511	4	0.223	0.067	2.4E-03	AT5G30490	-0.4	6.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11625312	11625341	4	0.308	0.176	5.9E-03	AT5G30510	1.2	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11625395	11625410	4	0.156	0.097	6.4E-03	AT5G30510	1.2	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11639244	11639261	4	0.255	0.134	7.9E-03	AT5G30520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11639310	11639321	6	0.225	0.080	2.8E-03	AT5G30520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	11639401	11639413	4	0.165	0.151	3.8E-03	AT5G30520	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12073891	12073924	6	0.193	0.195	7.0E-03	AT5G32440	-0.8	4.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12076038	12076046	4	0.195	0.133	9.0E-03	AT5G32440	-0.8	4.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12232337	12232470	8	0.153	0.107	2.7E-03	AT5G32597	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12276582	12276607	4	0.280	0.168	8.0E-03	AT5G32619	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12279042	12279064	4	0.242	0.146	3.9E-03	AT5G32619	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12463448	12463608	8	0.157	0.084	2.8E-03	AT5G33210	-Inf	1.0E+00

5 d.p.i. <i>Pst(avr)</i>	CHH	5	12547128	12547138	4	0.259	0.086	8.5E-03	AT5G33280	-0.2	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12547140	12547186	6	0.303	0.171	1.8E-03	AT5G33280	-0.2	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12548129	12548136	4	0.411	0.086	2.0E-04	AT5G33280	-0.2	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12553287	12553333	6	0.201	0.102	2.8E-03	AT5G33280	-0.2	8.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12584149	12584169	6	0.251	0.039	6.2E-05	AT5G33320	1.2	4.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12602339	12602351	6	0.302	0.057	1.6E-05	AT5G33370	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12708533	12708586	4	0.240	0.076	3.1E-03	AT5G33421	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12790129	12790176	6	-0.166	0.133	9.4E-03	AT5G33898	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	12981650	12981732	6	0.265	0.160	8.1E-03	AT5G34830	1.7	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13096279	13096306	8	0.164	0.186	5.7E-03	AT5G34828	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13098050	13098070	8	0.230	0.108	8.4E-03	AT5G34828	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13111862	13111923	16	0.163	0.116	6.8E-04	AT5G34850	-0.6	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13112150	13112190	6	0.255	0.098	2.3E-03	AT5G34850	-0.6	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13113947	13113961	4	0.321	0.150	8.3E-04	AT5G34850	-0.6	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13186782	13186846	4	0.337	0.100	1.9E-03	AT5G34870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13221411	13221441	4	0.260	0.064	4.2E-03	AT5G34905	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13231717	13231757	12	0.146	0.113	6.7E-03	AT5G34930	-1.1	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13334899	13334973	8	-0.175	0.128	7.5E-03	AT5G35069	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13353914	13353937	10	0.231	0.108	8.0E-03	AT5G35080	0.4	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13362148	13362179	10	0.200	0.122	2.9E-04	AT5G35100	0.2	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13391918	13391973	4	0.219	0.209	8.7E-03	AT5G35120	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13436058	13436071	4	0.218	0.073	1.4E-03	AT5G35190	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13483775	13483813	6	0.202	0.083	1.5E-03	AT5G35210	-1.6	1.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13606577	13606591	4	0.276	0.049	1.6E-03	AT5G35405	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13682648	13682671	4	-0.221	0.109	6.4E-04	AT5G35470	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13703364	13703381	4	0.226	0.069	7.7E-04	AT5G35520	1.2	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13703430	13703439	4	0.211	0.070	7.3E-03	AT5G35520	1.2	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13723213	13723219	4	0.178	0.108	4.1E-03	AT5G35540	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13723258	13723264	4	0.359	0.136	7.8E-03	AT5G35540	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13725974	13725983	4	0.365	0.025	1.4E-04	AT5G35550	1.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13774155	13774167	4	0.378	0.119	8.6E-03	AT5G35600	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13815928	13815939	4	0.209	0.093	2.4E-03	AT5G35610	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13817897	13817975	6	0.139	0.102	7.5E-03	AT5G35610	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13820070	13820093	4	0.332	0.186	6.0E-03	AT5G35610	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13828810	13828826	4	0.211	0.107	8.2E-03	AT5G35630	1.3	1.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13855325	13855330	4	0.279	0.060	2.5E-04	AT5G35670	2.6	9.8E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	13943687	13943718	4	0.267	0.170	7.4E-03	AT5G35770	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14004720	14004786	6	-0.172	0.087	6.5E-03	AT5G35840	-0.1	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14019056	14019079	8	0.300	0.088	6.7E-05	AT5G35870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14022816	14022839	6	0.224	0.076	1.2E-03	AT5G35870	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14026966	14027082	8	0.175	0.095	6.8E-04	AT5G35890	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14035797	14035805	4	0.442	0.082	5.7E-03	AT5G35910	0.1	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14060183	14060206	4	0.368	0.123	1.2E-03	AT5G35926	-5.0	8.0E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14078128	14078210	4	0.201	0.094	6.4E-03	AT5G35930	-0.1	9.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14095652	14095673	4	0.186	0.087	3.9E-04	AT5G35945	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14095868	14095888	6	0.215	0.120	7.2E-03	AT5G35945	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14144724	14144761	4	0.283	0.175	7.0E-03	AT5G36001	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14144851	14144869	4	0.272	0.066	2.3E-03	AT5G36001	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14203000	14203047	12	0.151	0.127	8.3E-03	AT5G36120	2.5	6.4E-06

5 d.p.i. <i>Pst(avr)</i>	CHH	5	14203329	14203354	10	0.311	0.138	5.9E-04	AT5G36120	2.5	6.4E-06
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14212049	14212068	6	0.154	0.113	6.6E-03	AT5G36140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14221976	14221985	4	0.198	0.093	1.0E-02	AT5G36150	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14253461	14253476	6	0.150	0.113	7.2E-03	AT5G36210	0.3	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14271158	14271206	8	0.191	0.100	1.6E-03	AT5G36228	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14288869	14288892	4	0.212	0.064	9.5E-04	AT5G36260	1.7	3.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14290481	14290498	4	0.398	0.080	7.3E-05	AT5G36260	1.7	3.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14300941	14300957	6	0.148	0.095	6.0E-03	AT5G36280	-0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14517577	14517587	4	0.322	0.130	3.5E-03	AT5G36870	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14559267	14559306	6	0.233	0.110	2.4E-03	AT5G36910	5.5	1.3E-08
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14585585	14585599	4	0.356	0.018	4.6E-03	AT5G36940	0.5	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14602999	14603008	4	0.303	0.152	2.2E-03	AT5G36970	-2.7	3.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14603141	14603146	4	0.348	0.076	7.2E-03	AT5G36970	-2.7	3.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14606516	14606550	8	0.166	0.111	8.3E-03	AT5G36980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14609181	14609189	4	0.252	0.071	2.4E-04	AT5G36980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14609316	14609338	6	0.313	0.165	3.5E-03	AT5G36980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14626739	14626797	8	0.204	0.123	6.9E-03	AT5G37020	0.0	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14627114	14627124	4	0.239	0.099	5.8E-03	AT5G37020	0.0	8.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14676425	14676458	6	0.288	0.060	7.7E-03	AT5G37130	-0.3	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14694062	14694080	4	0.367	0.074	1.3E-03	AT5G37140	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14712172	14712190	6	0.211	0.123	4.5E-03	AT5G37170	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14754358	14754370	4	0.203	0.080	9.0E-03	AT5G37260	-4.7	1.5E-16
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14797943	14798134	6	0.114	0.107	7.2E-03	AT5G37351	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14821806	14821839	6	0.262	0.080	1.2E-03	AT5G37380	-0.5	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14830431	14830441	4	-0.340	0.070	2.0E-03	AT5G37400	0.2	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14872238	14872265	6	0.239	0.113	2.9E-03	AT5G37473	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14873498	14873508	4	0.329	0.129	4.5E-04	AT5G37474	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14878560	14878582	4	0.223	0.123	8.4E-03	AT5G37474	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14926648	14926656	4	0.406	0.052	9.7E-06	AT5G37570	-0.6	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14926938	14926965	10	0.180	0.113	1.5E-03	AT5G37570	-0.6	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14956440	14956450	4	0.212	0.144	7.0E-03	AT5G37650	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14962101	14962119	4	0.245	0.120	6.1E-03	AT5G37660	3.6	4.3E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14985102	14985115	4	0.206	0.107	4.6E-03	AT5G37720	-1.0	1.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	14994832	14994849	4	0.174	0.117	5.8E-03	AT5G37750	-0.9	4.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15035182	15035211	6	0.342	0.180	2.9E-03	AT5G37800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15040243	15040268	8	0.225	0.126	4.6E-03	AT5G37800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15049700	15049726	6	0.131	0.120	4.1E-03	AT5G37820	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15064654	15064716	12	0.215	0.125	5.3E-04	AT5G37850	-0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15088747	15088768	4	0.294	0.102	2.1E-03	AT5G37890	1.0	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15101630	15101643	4	0.240	0.175	5.3E-03	AT5G37920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15105868	15105873	4	0.379	0.108	3.1E-04	AT5G37940	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15129590	15129603	8	0.343	0.133	9.7E-03	AT5G37980	Inf	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15154980	15154993	4	0.362	0.123	1.2E-03	AT5G38010	2.8	2.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15161836	15161892	6	0.223	0.110	1.2E-03	AT5G38010	2.8	2.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15166640	15166651	4	0.251	0.045	2.4E-04	AT5G38020	-Inf	1.2E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15184440	15184502	6	0.274	0.285	1.4E-04	AT5G38040	-0.4	7.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15196760	15196771	4	0.286	0.085	4.9E-04	AT5G38090	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15203733	15203741	6	-0.318	0.080	1.5E-04	AT5G38100	Inf	4.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	15213249	15213280	6	-0.151	0.144	4.5E-03	AT5G38120	4.4	8.1E-07

5 d.p.i. <i>Pst(avr)</i>	C HH	5	15245098	15245109	4	-0.180	0.145	3.1E-03	AT5G38195	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15248704	15248723	4	0.339	0.199	9.1E-03	AT5G38195	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15259329	15259332	4	0.182	0.120	4.6E-03	AT5G38210	-0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15271922	15271941	4	-0.274	0.079	7.6E-03	AT5G38220	0.6	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15286314	15286324	4	0.349	0.029	1.5E-03	AT5G38260	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15286326	15286337	6	0.439	0.072	1.4E-03	AT5G38260	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15286477	15286485	4	0.230	0.109	8.2E-03	AT5G38260	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15286541	15286576	8	0.202	0.168	1.2E-03	AT5G38260	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15286838	15286848	6	0.165	0.136	5.6E-03	AT5G38260	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15350111	15350117	4	0.183	0.122	7.1E-03	AT5G38380	0.0	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15361788	15361832	8	0.272	0.143	7.1E-03	AT5G38386	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15386424	15386433	4	0.290	0.058	2.0E-04	AT5G38430	1.7	2.8E-03
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15387367	15387399	6	0.249	0.108	3.3E-03	AT5G38435	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15387756	15387760	4	-0.220	0.068	4.9E-04	AT5G38435	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15401733	15401740	4	0.472	0.128	1.4E-04	AT5G38460	0.3	7.5E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15432600	15432629	10	-0.150	0.096	4.2E-03	AT5G38550	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15437266	15437284	6	0.309	0.095	8.3E-04	AT5G38550	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15455636	15455666	6	0.146	0.121	6.3E-03	AT5G38600	0.0	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15535233	15535251	4	0.247	0.165	9.5E-03	AT5G38790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15535281	15535336	8	0.259	0.058	2.5E-03	AT5G38790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15550226	15550247	4	0.312	0.181	8.3E-03	AT5G38840	-0.3	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15576916	15576983	12	0.223	0.160	4.8E-03	AT5G38900	-3.9	7.6E-14
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15584703	15584762	8	0.204	0.102	8.8E-03	AT5G38930	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15585329	15585400	4	-0.218	0.129	6.1E-03	AT5G38930	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15605402	15605441	8	0.287	0.116	1.6E-03	AT5G38980	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15640701	15640719	6	0.253	0.074	2.2E-03	AT5G39080	0.5	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15640840	15640865	6	0.374	0.059	3.7E-04	AT5G39080	0.5	5.4E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15711267	15711311	4	0.183	0.092	1.8E-03	AT5G39240	3.5	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15716236	15716243	4	0.318	0.088	5.2E-04	AT5G39240	3.5	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15716824	15716830	4	0.278	0.057	6.5E-03	AT5G39240	3.5	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15717083	15717212	6	0.178	0.108	9.3E-03	AT5G39240	3.5	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15717501	15717601	6	0.279	0.133	3.1E-03	AT5G39240	3.5	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15734817	15734836	6	0.211	0.133	5.3E-03	AT5G39290	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15742225	15742234	4	-0.314	0.065	1.8E-03	AT5G39320	3.6	1.5E-10
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15742283	15742295	6	0.258	0.066	6.3E-03	AT5G39320	3.6	1.5E-10
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15779583	15779630	10	0.190	0.088	1.7E-03	AT5G39430	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15796057	15796084	6	0.141	0.092	5.4E-03	AT5G39471	1.4	3.7E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15800540	15800549	4	0.349	0.088	1.5E-04	AT5G39480	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15812326	15812424	6	0.181	0.138	1.5E-03	AT5G39493	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15830693	15830700	4	0.298	0.065	8.6E-05	AT5G39530	2.0	6.0E-05
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15841036	15841148	16	0.173	0.068	9.8E-04	AT5G39550	4.6	4.4E-05
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15882335	15882357	6	0.412	0.129	4.9E-04	AT5G39670	-2.0	7.1E-04
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15887786	15887794	4	0.431	0.055	2.5E-04	AT5G39690	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15973857	15973874	4	0.268	0.237	9.0E-03	AT5G39890	0.8	9.3E-01
5 d.p.i. <i>Pst(avr)</i>	C HH	5	15982674	15982696	8	0.207	0.133	1.5E-03	AT5G39920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	16016533	16016539	4	0.218	0.096	2.6E-03	AT5G40000	-Inf	4.3E-02
5 d.p.i. <i>Pst(avr)</i>	C HH	5	16051251	16051265	6	0.184	0.128	4.3E-03	AT5G40120	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	16108864	16108869	4	0.202	0.116	2.4E-03	AT5G40290	nd	nd
5 d.p.i. <i>Pst(avr)</i>	C HH	5	16121252	16121257	4	0.263	0.079	5.5E-03	AT5G40320	nd	nd

5 d.p.i. <i>Pst(avr)</i>	CHH	5	16142067	16142073	4	0.365	0.101	6.6E-05	AT5G40350	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16160949	16160981	8	0.199	0.166	4.8E-03	AT5G40390	2.2	2.1E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16178073	16178085	4	0.342	0.111	3.5E-03	AT5G40430	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16204287	16204315	4	0.243	0.161	2.7E-03	AT5G40460	0.7	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16204664	16204680	4	0.262	0.039	4.5E-05	AT5G40460	0.7	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16260672	16260683	4	0.233	0.124	6.0E-03	AT5G40600	1.1	1.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16357094	16357119	6	0.350	0.034	7.9E-03	AT5G40830	3.2	8.7E-10
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16358366	16358477	8	0.172	0.125	2.1E-03	AT5G40830	3.2	8.7E-10
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16373047	16373062	6	0.348	0.171	6.4E-03	AT5G40870	1.7	1.8E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16560791	16560820	8	0.307	0.150	4.5E-04	AT5G41380	Inf	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16588089	16588118	8	0.215	0.069	3.8E-03	AT5G41440	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16611451	16611471	4	0.374	0.122	5.2E-04	AT5G41530	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16721316	16721326	4	0.295	0.131	8.1E-03	AT5G41774	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16721332	16721346	4	0.213	0.135	9.6E-03	AT5G41774	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16908175	16908183	4	0.231	0.143	4.3E-03	AT5G42280	2.3	2.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16908986	16909004	6	0.190	0.075	5.4E-03	AT5G42280	2.3	2.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	16922227	16922246	4	0.336	0.142	8.5E-04	AT5G42320	-0.7	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17018264	17018272	4	0.242	0.158	1.9E-03	AT5G42567	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17030296	17030308	4	0.321	0.104	5.9E-03	AT5G42590	-Inf	4.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17072348	17072355	4	0.476	0.088	1.5E-04	AT5G42630	1.6	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17076704	17076774	6	0.241	0.150	6.8E-03	AT5G42635	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17076811	17076820	4	0.338	0.069	2.6E-04	AT5G42635	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17086810	17086840	8	0.340	0.129	6.8E-04	AT5G42640	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17107668	17107693	6	0.210	0.096	4.3E-03	AT5G42670	1.1	6.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17107710	17107751	16	0.297	0.130	3.8E-03	AT5G42670	1.1	6.4E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17112170	17112179	4	0.303	0.107	3.0E-03	AT5G42680	-1.4	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17113458	17113469	6	0.230	0.138	2.2E-03	AT5G42680	-1.4	4.5E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17147567	17147585	6	0.153	0.098	4.0E-03	AT5G42760	-1.1	5.6E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17210526	17210541	4	0.273	0.121	5.1E-03	AT5G42920	0.0	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17223213	17223242	10	0.244	0.119	1.0E-04	AT5G42950	-1.1	1.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17251424	17251450	4	0.202	0.108	6.3E-03	AT5G43010	0.2	8.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17280145	17280156	4	0.249	0.140	8.0E-03	AT5G43066	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17288123	17288141	8	0.235	0.104	3.6E-04	AT5G43070	-0.2	7.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17305698	17305757	4	0.206	0.138	6.2E-03	AT5G43110	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17364768	17364802	10	0.199	0.072	5.9E-03	AT5G43270	-1.0	1.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17366933	17366955	4	-0.327	0.207	7.0E-03	AT5G43280	-0.4	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17398684	17398696	4	0.310	0.047	1.2E-03	AT5G43350	-Inf	1.4E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17405881	17405897	4	0.400	0.334	8.0E-04	AT5G43360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17406037	17406074	6	0.225	0.245	7.9E-03	AT5G43360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17406271	17406297	6	0.284	0.098	1.7E-03	AT5G43360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17407403	17407436	6	0.302	0.132	6.3E-04	AT5G43360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17432648	17432676	8	-0.160	0.123	8.5E-03	AT5G43410	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17438560	17438570	6	0.364	0.178	8.9E-05	AT5G43410	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17482944	17482957	4	0.197	0.187	7.2E-03	AT5G43518	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17617110	17617120	4	0.443	0.055	1.4E-04	AT5G43822	-0.3	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17617123	17617160	6	0.263	0.056	3.4E-03	AT5G43822	-0.3	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17617452	17617474	4	0.298	0.083	6.1E-03	AT5G43822	-0.3	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17729097	17729143	10	0.181	0.115	3.1E-04	AT5G44060	0.0	9.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17850899	17850942	12	0.264	0.189	3.0E-03	AT5G44310	-0.8	8.1E-01

5 d.p.i. <i>Pst(avr)</i>	CHH	5	17852499	17852535	10	0.220	0.067	4.6E-03	AT5G44316	Inf	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17869219	17869310	4	0.163	0.119	7.6E-03	AT5G44360	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17878045	17878071	4	0.246	0.154	4.3E-03	AT5G44370	1.1	1.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17976458	17976465	4	0.243	0.134	6.2E-03	AT5G44578	4.8	3.3E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17986503	17986528	6	-0.154	0.089	4.1E-03	AT5G44590	-Inf	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17989416	17989424	4	0.326	0.130	1.6E-03	AT5G44600	2.0	6.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	17989435	17989476	8	0.289	0.108	4.5E-03	AT5G44600	2.0	6.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18039911	18039932	4	0.177	0.115	3.4E-03	AT5G44710	0.5	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18063852	18063861	4	0.156	0.099	1.6E-03	AT5G44770	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18106634	18106649	10	0.333	0.070	8.9E-03	AT5G44840	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18112926	18112936	4	0.306	0.082	5.0E-03	AT5G44860	0.0	9.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18144538	18144575	6	0.128	0.095	3.6E-03	AT5G44930	-0.4	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18145066	18145096	4	-0.288	0.152	6.2E-03	AT5G44930	-0.4	5.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18196079	18196105	6	0.191	0.135	5.9E-03	AT5G45080	1.6	4.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18200067	18200093	4	0.242	0.082	2.8E-03	AT5G45090	-4.1	1.2E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18381146	18381203	6	0.134	0.100	2.8E-03	AT5G45350	0.5	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18381442	18381461	6	0.209	0.104	5.1E-03	AT5G45350	0.5	3.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18414548	18414558	4	0.253	0.142	2.6E-03	AT5G45450	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18414596	18414608	4	0.209	0.144	3.3E-03	AT5G45450	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18444356	18444409	12	0.203	0.105	4.2E-03	AT5G45510	-0.6	5.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18479728	18479753	4	0.315	0.080	8.0E-03	AT5G45580	2.5	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18480634	18480645	4	0.295	0.160	7.0E-03	AT5G45580	2.5	1.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18540616	18540639	4	0.230	0.084	1.8E-03	AT5G45710	-0.8	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18555408	18555418	4	0.534	0.100	6.2E-06	AT5G45740	2.6	8.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18555787	18555793	4	0.251	0.086	8.0E-03	AT5G45740	2.6	8.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18556198	18556217	4	0.265	0.084	2.8E-03	AT5G45740	2.6	8.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18626872	18626882	4	0.450	0.020	4.2E-04	AT5G45930	2.8	5.6E-10
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18717786	18717797	4	0.265	0.130	6.9E-03	AT5G46170	-0.4	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18883836	18883847	4	0.205	0.124	6.3E-03	AT5G46540	Inf	2.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18931562	18931605	4	0.345	0.086	1.2E-03	AT5G46660	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18948794	18948807	4	0.211	0.073	9.8E-04	AT5G46700	2.8	9.4E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	18981204	18981214	4	0.319	0.307	4.5E-03	AT5G46780	-1.2	1.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19101972	19101996	6	0.228	0.166	4.2E-03	AT5G47040	0.0	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19280241	19280353	14	0.202	0.090	9.5E-03	AT5G47520	-0.4	5.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19426013	19426028	4	-0.217	0.121	2.7E-03	AT5G47980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19426973	19426984	6	0.303	0.133	2.2E-03	AT5G47980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19426989	19427001	4	0.323	0.146	1.8E-03	AT5G47980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19427095	19427103	4	0.276	0.161	9.0E-03	AT5G47980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19427107	19427110	4	0.352	0.120	4.6E-03	AT5G47980	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19439155	19439164	4	0.295	0.155	4.1E-03	AT5G47990	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19526339	19526355	8	0.182	0.070	6.2E-04	AT5G48150	0.3	6.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19542865	19542903	4	0.339	0.120	2.9E-04	AT5G48180	-2.7	1.2E-05
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19931507	19931518	4	0.327	0.046	5.2E-04	AT5G49160	2.1	2.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	19931532	19931551	6	0.212	0.068	5.7E-03	AT5G49160	2.1	2.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20034532	20034537	4	-0.471	0.173	1.3E-03	AT5G49420	-1.6	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20096663	20096688	8	0.358	0.098	2.0E-05	AT5G49525	1.4	2.2E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20129447	20129486	8	0.214	0.082	3.2E-04	AT5G49590	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20209082	20209104	6	-0.162	0.095	6.0E-03	AT5G49740	-0.6	3.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20280714	20280728	4	0.396	0.118	1.2E-03	AT5G49880	-1.1	6.1E-02

5 d.p.i. <i>Pst(avr)</i>	CHH	5	20281233	20281277	6	0.378	0.087	2.9E-04	AT5G49880	-1.1	6.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20377194	20377237	6	0.301	0.183	3.1E-04	AT5G50115	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20427407	20427450	6	-0.155	0.105	8.2E-03	AT5G50175	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20526900	20526906	4	0.242	0.064	8.2E-03	AT5G50400	-0.7	2.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20639261	20639271	4	0.291	0.031	4.9E-04	AT5G50740	8.6	1.9E-30
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20639274	20639281	4	0.361	0.200	1.3E-04	AT5G50740	8.6	1.9E-30
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20660977	20660997	4	0.260	0.133	7.3E-03	AT5G50790	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20677018	20677034	4	0.319	0.062	7.1E-04	AT5G50810	1.1	9.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20677059	20677100	14	0.185	0.113	6.2E-04	AT5G50810	1.1	9.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20701798	20701836	6	0.194	0.136	3.6E-03	AT5G50880	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20750306	20750320	4	0.268	0.108	2.9E-03	AT5G51040	-1.5	7.2E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20756746	20756773	8	0.233	0.048	6.4E-03	AT5G51050	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20757153	20757184	8	0.205	0.094	3.8E-04	AT5G51050	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	20960273	20960325	14	0.238	0.071	2.6E-03	AT5G51590	0.9	4.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21016148	21016177	6	0.197	0.087	8.7E-04	AT5G51740	0.0	9.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21100158	21100223	4	0.246	0.063	9.8E-04	AT5G51930	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21157150	21157173	4	0.395	0.099	7.4E-03	AT5G52060	1.7	9.9E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21162363	21162382	4	0.350	0.171	7.3E-03	AT5G52070	-1.2	4.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21162687	21162701	4	0.247	0.124	3.6E-03	AT5G52070	-1.2	4.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21469096	21469123	4	0.197	0.111	4.2E-03	AT5G52930	5.4	7.3E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21530814	21530890	8	0.226	0.119	1.4E-04	AT5G53110	-2.9	4.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21668153	21668167	6	0.273	0.145	1.7E-04	AT5G53410	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21796073	21796079	4	-0.230	0.135	3.5E-03	AT5G53670	-Inf	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21831092	21831108	4	0.486	0.170	8.6E-04	AT5G53770	-0.4	4.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21855476	21855485	4	0.303	0.133	1.8E-03	AT5G53830	0.7	5.7E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	21942528	21942543	8	0.235	0.098	3.1E-03	AT5G54067	-0.5	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22021790	22021829	6	0.281	0.055	1.4E-03	AT5G54240	-4.0	1.2E-09
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22272040	22272047	4	0.249	0.083	1.1E-04	AT5G54830	-0.5	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22272157	22272185	8	0.283	0.060	6.3E-05	AT5G54830	-0.5	4.0E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22335226	22335245	4	0.387	0.054	6.6E-04	AT5G55050	-0.3	5.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22491821	22491835	6	0.325	0.162	7.6E-04	AT5G55520	3.2	3.3E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22514283	22514287	4	-0.250	0.070	7.3E-04	AT5G55565	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22534904	22534911	6	0.217	0.110	3.7E-03	AT5G55640	-0.1	9.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22581530	22581536	4	-0.180	0.129	4.8E-03	AT5G55800	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22841067	22841072	4	-0.355	0.086	2.3E-03	AT5G56380	-0.9	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22841073	22841100	12	-0.205	0.114	1.7E-03	AT5G56380	-0.9	2.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22911060	22911067	4	0.272	0.106	1.4E-03	AT5G56600	1.9	1.1E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	22916075	22916081	4	0.295	0.107	1.2E-03	AT5G56610	0.2	7.1E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	23024717	23024722	4	0.260	0.088	5.8E-03	AT5G56920	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	23050668	23050688	4	0.218	0.072	4.0E-03	AT5G56970	-2.8	2.9E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	23282776	23282799	4	0.328	0.096	2.6E-03	AT5G57480	-2.1	4.9E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	23418076	23418084	6	0.253	0.036	1.6E-03	AT5G57800	0.3	6.3E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	23662309	23662326	4	0.194	0.097	8.9E-03	AT5G58540	-3.5	2.9E-07
5 d.p.i. <i>Pst(avr)</i>	CHH	5	23763354	23763367	4	0.182	0.120	6.8E-03	AT5G58850	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	24003275	24003299	4	0.213	0.125	2.0E-03	AT5G59570	-3.1	1.7E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	24110811	24110831	8	0.326	0.125	4.6E-04	AT5G59845	Inf	7.9E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	24118413	24118474	6	0.247	0.127	9.8E-03	AT5G59880	0.1	1.0E+00
5 d.p.i. <i>Pst(avr)</i>	CHH	5	24186326	24186397	6	0.291	0.066	6.9E-03	AT5G60050	-0.6	3.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	24378970	24379001	8	0.264	0.079	6.6E-04	AT5G60660	2.1	3.1E-02

5 d.p.i. <i>Pst(avr)</i>	CHH	5	24379019	24379029	4	0.291	0.048	5.1E-03	AT5G60660	2.1	3.1E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	24696036	24696047	4	0.224	0.093	5.7E-03	AT5G61420	1.0	1.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	24703799	24703813	4	0.358	0.159	1.2E-03	AT5G61430	-3.6	6.4E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	25048726	25048744	6	0.247	0.115	9.2E-04	AT5G62380	Inf	6.7E-04
5 d.p.i. <i>Pst(avr)</i>	CHH	5	25178819	25178825	4	0.642	0.103	5.7E-06	AT5G62690	1.7	6.4E-03
5 d.p.i. <i>Pst(avr)</i>	CHH	5	25264859	25264900	6	0.176	0.083	1.5E-03	AT5G62950	-0.6	6.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	25440712	25440721	4	0.283	0.136	5.4E-03	AT5G63540	1.7	2.4E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	25844790	25844795	4	0.335	0.065	2.6E-03	AT5G64660	1.0	8.0E-02
5 d.p.i. <i>Pst(avr)</i>	CHH	5	25860365	25860379	4	0.174	0.127	2.6E-03	AT5G64690	0.4	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26037561	26037573	4	0.268	0.077	2.4E-03	AT5G65166	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26233416	26233444	6	0.237	0.082	8.5E-03	AT5G65640	0.8	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26258381	26258392	4	0.300	0.153	8.7E-03	AT5G65683	0.4	6.8E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26415142	26415163	4	0.221	0.173	2.6E-03	AT5G66050	0.0	8.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26464835	26464845	4	0.273	0.150	1.7E-03	AT5G66240	-0.6	4.5E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26484913	26484965	10	0.201	0.106	7.0E-03	AT5G66300	0.7	5.6E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26582025	26582056	10	0.289	0.058	7.9E-03	AT5G66607	-Inf	6.9E-01
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26788560	26788571	4	0.492	0.059	6.9E-04	AT5G67120	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26788573	26788585	4	0.607	0.032	2.2E-04	AT5G67120	nd	nd
5 d.p.i. <i>Pst(avr)</i>	CHH	5	26788586	26788603	4	0.287	0.200	8.3E-03	AT5G67120	nd	nd
1 mM SA	CG	1	137179	137229	4	-0.149	0.097	8.0E-03	AT1G01350	-0.4	4.9E-01
1 mM SA	CG	1	276137	276150	4	-0.220	0.026	4.0E-03	AT1G01750	0.6	8.0E-01
1 mM SA	CG	1	276180	276271	4	-0.146	0.237	2.2E-03	AT1G01750	0.6	8.0E-01
1 mM SA	CG	1	423501	423525	4	-0.210	0.089	6.2E-03	AT1G02210	nd	nd
1 mM SA	CG	1	995326	995351	6	-0.161	0.106	7.0E-03	AT1G03905	0.0	9.0E-01
1 mM SA	CG	1	1052253	1052304	4	-0.188	0.082	5.7E-03	AT1G04080	-0.3	5.3E-01
1 mM SA	CG	1	1052344	1052353	4	-0.183	0.050	6.0E-03	AT1G04080	-0.3	5.3E-01
1 mM SA	CG	1	1344503	1344514	4	-0.386	0.083	4.9E-04	AT1G04790	-0.3	5.9E-01
1 mM SA	CG	1	2014826	2014898	4	0.213	0.104	8.2E-03	AT1G06580	-0.1	9.2E-01
1 mM SA	CG	1	2115821	2115830	4	-0.374	0.094	3.2E-03	AT1G06900	0.1	9.6E-01
1 mM SA	CG	1	2434995	2434998	4	-0.196	0.110	6.7E-03	AT1G07880	0.7	2.7E-01
1 mM SA	CG	1	2719846	2719859	4	-0.165	0.069	3.0E-03	AT1G08590	nd	nd
1 mM SA	CG	1	2845151	2845202	4	-0.169	0.103	4.4E-03	AT1G08860	-2.3	1.8E-01
1 mM SA	CG	1	2877743	2877781	6	-0.274	0.041	9.6E-04	AT1G08940	-2.0	2.8E-05
1 mM SA	CG	1	2954103	2954159	4	-0.252	0.074	3.7E-03	AT1G09160	1.6	3.6E-07
1 mM SA	CG	1	3737849	3737878	4	-0.177	0.066	7.8E-03	AT1G11160	2.5	7.1E-04
1 mM SA	CG	1	3802417	3802424	4	-0.416	0.052	3.5E-04	AT1G11310	-1.1	2.4E-02
1 mM SA	CG	1	4435083	4435112	6	-0.211	0.097	3.9E-03	AT1G12990	-0.9	4.7E-02
1 mM SA	CG	1	4570621	4570692	14	-0.347	0.131	6.3E-04	AT1G13340	-4.5	2.1E-26
1 mM SA	CG	1	4620690	4620707	6	-0.217	0.037	3.9E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CG	1	4620839	4620939	8	-0.454	0.190	8.8E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CG	1	4620977	4621010	4	-0.405	0.120	9.5E-04	AT1G13470	-2.1	1.0E-06
1 mM SA	CG	1	4621135	4621270	10	-0.462	0.193	9.4E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CG	1	4621271	4621424	14	-0.355	0.160	7.1E-04	AT1G13470	-2.1	1.0E-06
1 mM SA	CG	1	4621425	4621558	18	-0.362	0.126	4.7E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CG	1	4916697	4916714	8	-0.238	0.094	6.3E-03	AT1G14370	-0.5	4.5E-01
1 mM SA	CG	1	5474690	5474777	4	-0.142	0.094	5.1E-03	AT1G15940	0.2	8.0E-01
1 mM SA	CG	1	5516377	5516389	4	-0.352	0.129	4.9E-04	AT1G16090	-1.9	2.4E-04
1 mM SA	CG	1	5516529	5516575	10	-0.194	0.136	2.3E-03	AT1G16090	-1.9	2.4E-04
1 mM SA	CG	1	5559329	5559334	4	-0.188	0.061	9.8E-03	AT1G16250	-0.8	1.4E-01

1 mM SA	CG	1	5692242	5692288	6	-0.129	0.097	5.4E-03	AT1G16650	0.8	5.7E-02
1 mM SA	CG	1	5741309	5741312	4	-0.216	0.049	1.7E-03	AT1G16780	2.2	1.5E-09
1 mM SA	CG	1	5966030	5966039	4	-0.195	0.137	9.9E-03	AT1G17400	0.3	1.0E+00
1 mM SA	CG	1	5991641	5991657	6	-0.563	0.088	4.4E-04	AT1G17450	-0.5	2.3E-01
1 mM SA	CG	1	5991771	5991814	4	-0.327	0.090	9.5E-04	AT1G17450	-0.5	2.3E-01
1 mM SA	CG	1	6056340	6056375	8	-0.202	0.135	4.9E-03	AT1G17600	-1.3	1.5E-02
1 mM SA	CG	1	6425240	6425258	6	-0.093	0.086	7.8E-03	AT1G18660	0.3	4.7E-01
1 mM SA	CG	1	6517639	6517691	6	-0.185	0.116	6.9E-03	AT1G18870	5.6	5.9E-49
1 mM SA	CG	1	6594095	6594116	4	0.190	0.090	9.2E-03	AT1G19100	-0.1	9.1E-01
1 mM SA	CG	1	6708921	6708955	4	-0.119	0.105	8.1E-03	AT1G19394	-1.5	1.2E-02
1 mM SA	CG	1	7075121	7075135	6	-0.147	0.080	7.1E-03	AT1G20400	nd	nd
1 mM SA	CG	1	7511047	7511095	4	-0.275	0.082	1.1E-03	AT1G21450	-1.0	2.8E-02
1 mM SA	CG	1	7774507	7774551	6	-0.187	0.090	4.5E-03	AT1G22060	1.2	4.5E-04
1 mM SA	CG	1	8581323	8581328	4	-0.318	0.125	5.9E-03	AT1G24220	nd	nd
1 mM SA	CG	1	8643563	8643603	4	-0.162	0.104	7.3E-03	AT1G24380	nd	nd
1 mM SA	CG	1	8691205	8691269	4	-0.171	0.078	5.1E-03	AT1G24530	-1.5	9.6E-03
1 mM SA	CG	1	9142058	9142066	6	-0.249	0.192	9.6E-03	AT1G26420	-2.3	3.6E-05
1 mM SA	CG	1	9540651	9540665	6	-0.158	0.085	9.5E-03	AT1G27470	0.0	7.8E-01
1 mM SA	CG	1	9908741	9908767	8	-0.206	0.085	9.4E-03	AT1G28307	nd	nd
1 mM SA	CG	1	9955584	9955664	4	-0.254	0.186	7.9E-03	AT1G28370	0.6	4.0E-02
1 mM SA	CG	1	10013188	10013347	6	-0.357	0.216	4.2E-03	AT1G28480	-2.6	2.3E-11
1 mM SA	CG	1	10154515	10154593	8	-0.106	0.092	7.2E-03	AT1G29080	nd	nd
1 mM SA	CG	1	10159827	10159838	6	-0.156	0.070	5.0E-03	AT1G29080	nd	nd
1 mM SA	CG	1	10357959	10358075	8	-0.100	0.074	7.5E-03	AT1G29640	-5.8	3.0E-35
1 mM SA	CG	1	10398890	10398898	4	-0.200	0.097	4.6E-03	AT1G29724	2.0	1.8E-07
1 mM SA	CG	1	10867104	10867112	4	-0.176	0.059	8.6E-03	AT1G30650	-2.6	5.0E-01
1 mM SA	CG	1	10932652	10932658	4	-0.203	0.094	8.3E-03	AT1G30790	nd	nd
1 mM SA	CG	1	10995813	10995863	4	-0.269	0.139	1.6E-03	AT1G30890	0.0	9.4E-01
1 mM SA	CG	1	10995899	10995905	4	-0.293	0.061	1.4E-03	AT1G30890	0.0	9.4E-01
1 mM SA	CG	1	11505677	11505689	4	-0.153	0.058	5.1E-03	AT1G32000	nd	nd
1 mM SA	CG	1	11678647	11678694	8	-0.194	0.128	9.3E-03	AT1G32375	0.2	8.7E-01
1 mM SA	CG	1	11686563	11686600	6	0.166	0.101	2.9E-03	AT1G32380	0.2	6.9E-01
1 mM SA	CG	1	11840506	11840524	4	-0.168	0.073	8.2E-03	AT1G32730	1.4	3.2E-03
1 mM SA	CG	1	11897740	11897743	4	-0.195	0.131	7.3E-03	AT1G32850	0.3	1.0E+00
1 mM SA	CG	1	12155167	12155247	4	-0.196	0.032	2.3E-03	AT1G33500	-0.1	1.0E+00
1 mM SA	CG	1	12225616	12225663	6	-0.219	0.046	9.8E-04	AT1G33730	-7.3	1.9E-09
1 mM SA	CG	1	12347013	12347045	6	-0.291	0.168	6.4E-03	AT1G33960	-4.8	1.9E-43
1 mM SA	CG	1	12347172	12347238	6	-0.199	0.057	3.5E-03	AT1G33960	-4.8	1.9E-43
1 mM SA	CG	1	12512505	12512598	4	-0.188	0.146	5.2E-03	AT1G34310	nd	nd
1 mM SA	CG	1	12593011	12593054	4	-0.193	0.148	7.1E-03	AT1G34440	Inf	5.3E-01
1 mM SA	CG	1	12601936	12601961	4	0.163	0.074	7.6E-03	AT1G34470	-0.4	4.0E-01
1 mM SA	CG	1	12809359	12809399	8	-0.108	0.079	3.2E-03	AT1G35030	nd	nd
1 mM SA	CG	1	12812856	12812911	4	-0.178	0.062	9.6E-04	AT1G35040	nd	nd
1 mM SA	CG	1	12813943	12814006	8	-0.125	0.092	2.3E-03	AT1G35040	nd	nd
1 mM SA	CG	1	12854350	12854409	4	-0.153	0.144	8.0E-03	AT1G35140	-1.0	9.4E-02
1 mM SA	CG	1	12896443	12896453	4	-0.318	0.072	4.6E-03	AT1G35210	0.7	2.6E-02
1 mM SA	CG	1	12919954	12919969	4	-0.208	0.088	5.1E-03	AT1G35230	-1.9	2.5E-04
1 mM SA	CG	1	12928847	12928889	4	-0.206	0.151	4.5E-03	AT1G35240	nd	nd
1 mM SA	CG	1	12932025	12932075	12	-0.106	0.077	2.0E-03	AT1G35242	nd	nd

1 mM SA	CG	1	12942345	12942395	4	-0.180	0.148	6.9E-03	AT1G35260	0.0	8.0E-01
1 mM SA	CG	1	12953764	12953794	4	-0.269	0.040	4.1E-04	AT1G35310	3.2	1.5E-04
1 mM SA	CG	1	12985591	12985650	4	-0.307	0.059	2.5E-03	AT1G35350	-0.3	7.4E-01
1 mM SA	CG	1	12995916	12995951	8	-0.157	0.092	7.9E-03	AT1G35365	nd	nd
1 mM SA	CG	1	13033814	13033830	4	0.194	0.113	9.1E-03	AT1G35435	nd	nd
1 mM SA	CG	1	13166843	13166859	4	-0.287	0.218	4.7E-03	AT1G35630	2.3	3.0E-01
1 mM SA	CG	1	13222432	13222447	4	-0.287	0.084	3.0E-03	AT1G35710	-3.2	8.5E-10
1 mM SA	CG	1	13222756	13222772	4	-0.309	0.142	1.2E-03	AT1G35710	-3.2	8.5E-10
1 mM SA	CG	1	13222939	13222953	4	-0.333	0.082	3.1E-03	AT1G35710	-3.2	8.5E-10
1 mM SA	CG	1	13223009	13223101	4	-0.340	0.208	6.5E-03	AT1G35710	-3.2	8.5E-10
1 mM SA	CG	1	13223128	13223150	4	-0.129	0.098	9.6E-03	AT1G35710	-3.2	8.5E-10
1 mM SA	CG	1	13306075	13306106	6	-0.126	0.073	7.6E-03	AT1G35820	nd	nd
1 mM SA	CG	1	13348853	13348983	8	-0.220	0.214	5.1E-03	AT1G35900	nd	nd
1 mM SA	CG	1	13426138	13426142	4	-0.154	0.100	8.0E-03	AT1G36000	-Inf	3.1E-01
1 mM SA	CG	1	13440733	13440737	4	-0.172	0.082	8.1E-03	AT1G36030	nd	nd
1 mM SA	CG	1	13491077	13491081	4	-0.114	0.137	9.4E-03	AT1G36095	nd	nd
1 mM SA	CG	1	13526135	13526162	6	-0.107	0.084	4.4E-03	AT1G36150	nd	nd
1 mM SA	CG	1	13543280	13543346	8	-0.297	0.141	1.7E-03	AT1G36160	0.7	1.0E-01
1 mM SA	CG	1	13633361	13633386	4	-0.143	0.072	2.5E-03	AT1G36272	nd	nd
1 mM SA	CG	1	13665755	13665773	4	-0.178	0.110	9.8E-04	AT1G36310	0.4	4.8E-01
1 mM SA	CG	1	13682550	13682592	6	-0.177	0.126	2.2E-03	AT1G36340	0.3	1.0E+00
1 mM SA	CG	1	13706053	13706207	6	-0.130	0.113	9.3E-03	AT1G36390	0.8	3.1E-02
1 mM SA	CG	1	13839362	13839426	4	-0.355	0.139	2.4E-03	AT1G36622	-3.4	1.1E-17
1 mM SA	CG	1	13870419	13870428	4	-0.148	0.076	2.8E-03	AT1G36675	0.2	1.0E+00
1 mM SA	CG	1	13984571	13984681	10	-0.090	0.059	7.2E-03	AT1G36920	-2.0	2.4E-01
1 mM SA	CG	1	13988906	13988975	4	-0.164	0.089	4.2E-03	AT1G36925	-Inf	1.0E+00
1 mM SA	CG	1	14021835	14021919	4	-0.142	0.109	8.9E-03	AT1G36980	-0.8	9.8E-02
1 mM SA	CG	1	14037667	14037764	4	0.134	0.089	4.9E-03	AT1G37000	nd	nd
1 mM SA	CG	1	14588016	14588033	6	-0.094	0.095	6.6E-03	AT1G38950	nd	nd
1 mM SA	CG	1	14920565	14920610	6	-0.126	0.116	9.6E-03	AT1G40083	nd	nd
1 mM SA	CG	1	15581157	15581213	10	-0.106	0.059	7.0E-03	AT1G41820	nd	nd
1 mM SA	CG	1	15760189	15760224	4	-0.188	0.134	9.6E-03	AT1G42190	nd	nd
1 mM SA	CG	1	15923522	15923589	4	-0.177	0.128	9.3E-03	AT1G42470	0.3	4.6E-01
1 mM SA	CG	1	16075798	16075908	10	-0.155	0.074	5.1E-03	AT1G42710	nd	nd
1 mM SA	CG	1	16128361	16128383	6	-0.194	0.087	4.6E-03	AT1G42970	0.8	1.6E-01
1 mM SA	CG	1	16180483	16180571	4	-0.144	0.085	5.8E-03	AT1G43040	-0.3	1.0E+00
1 mM SA	CG	1	16213067	16213190	8	-0.126	0.091	8.7E-03	AT1G43080	nd	nd
1 mM SA	CG	1	16281625	16281637	4	-0.172	0.048	4.5E-03	AT1G43190	0.1	8.2E-01
1 mM SA	CG	1	16344965	16345029	4	-0.213	0.164	7.2E-03	AT1G43310	nd	nd
1 mM SA	CG	1	16380853	16380908	8	-0.154	0.056	7.9E-03	AT1G43415	nd	nd
1 mM SA	CG	1	16413536	16413563	4	0.183	0.050	4.0E-03	AT1G43580	-0.2	7.0E-01
1 mM SA	CG	1	16436988	16437063	6	-0.210	0.131	4.9E-03	AT1G43630	nd	nd
1 mM SA	CG	1	16449557	16449600	4	-0.166	0.087	7.2E-03	AT1G43650	0.5	3.6E-01
1 mM SA	CG	1	16452769	16452844	4	-0.179	0.138	4.1E-03	AT1G43665	nd	nd
1 mM SA	CG	1	16455715	16455744	4	-0.130	0.066	4.0E-03	AT1G43665	nd	nd
1 mM SA	CG	1	16505484	16505544	8	-0.116	0.083	8.9E-03	AT1G43730	nd	nd
1 mM SA	CG	1	16506639	16506736	10	-0.149	0.082	6.6E-03	AT1G43730	nd	nd
1 mM SA	CG	1	16572760	16572868	10	-0.111	0.076	3.5E-03	AT1G43790	1.4	2.8E-03
1 mM SA	CG	1	16583189	16583200	4	-0.138	0.081	5.1E-03	AT1G43810	-Inf	8.0E-02

1 mM SA	CG	1	16584532	16584559	8	-0.132	0.085	5.1E-03	AT1G43810	-Inf	8.0E-02
1 mM SA	CG	1	16657194	16657202	4	-0.295	0.060	1.3E-03	AT1G43910	-2.7	2.1E-08
1 mM SA	CG	1	16750774	16750855	12	-0.098	0.070	8.9E-03	AT1G44080	nd	nd
1 mM SA	CG	1	16766264	16766278	4	-0.279	0.050	8.3E-04	AT1G44100	-0.2	6.6E-01
1 mM SA	CG	1	16796664	16796773	6	-0.150	0.101	6.9E-03	AT1G44170	-0.1	1.0E+00
1 mM SA	CG	1	16803903	16803930	4	-0.218	0.101	8.9E-03	AT1G44170	-0.1	1.0E+00
1 mM SA	CG	1	16886397	16886408	4	-0.177	0.124	6.6E-03	AT1G44740	2.4	6.9E-03
1 mM SA	CG	1	16889953	16889972	4	-0.160	0.079	9.2E-03	AT1G44740	2.4	6.9E-03
1 mM SA	CG	1	16974879	16975000	10	-0.099	0.080	4.6E-03	AT1G44910	-0.4	3.4E-01
1 mM SA	CG	1	16976874	16977047	6	-0.112	0.090	8.6E-03	AT1G44910	-0.4	3.4E-01
1 mM SA	CG	1	17021911	17021938	4	-0.271	0.057	3.5E-03	AT1G45015	nd	nd
1 mM SA	CG	1	17036681	17036757	4	-0.180	0.099	2.7E-03	AT1G45063	nd	nd
1 mM SA	CG	1	17259284	17259361	12	-0.089	0.095	3.7E-03	AT1G46696	-Inf	1.0E+00
1 mM SA	CG	1	17272776	17272779	4	-0.261	0.113	4.3E-03	AT1G46912	nd	nd
1 mM SA	CG	1	17365758	17365764	4	-0.184	0.073	2.8E-03	AT1G47370	-1.4	3.3E-01
1 mM SA	CG	1	17387031	17387077	8	-0.118	0.088	3.4E-03	AT1G47400	-1.5	1.3E-01
1 mM SA	CG	1	17621628	17621649	4	-0.130	0.078	9.7E-03	AT1G47840	2.9	2.1E-05
1 mM SA	CG	1	17640368	17640374	4	-0.329	0.149	1.6E-03	AT1G47885	nd	nd
1 mM SA	CG	1	17640678	17640690	4	-0.236	0.033	5.4E-03	AT1G47885	nd	nd
1 mM SA	CG	1	17640910	17640949	4	-0.370	0.170	6.6E-04	AT1G47885	nd	nd
1 mM SA	CG	1	17680527	17680621	8	-0.121	0.111	9.7E-03	AT1G47960	-1.2	7.9E-03
1 mM SA	CG	1	17879686	17879693	4	-0.192	0.058	1.6E-03	AT1G48390	-0.5	7.4E-01
1 mM SA	CG	1	17968006	17968130	6	-0.176	0.099	1.6E-03	AT1G48600	2.6	3.2E-20
1 mM SA	CG	1	18005917	18006003	4	-0.118	0.090	8.1E-03	AT1G48690	nd	nd
1 mM SA	CG	1	18154885	18154925	6	-0.145	0.108	8.2E-03	AT1G49050	-2.0	1.2E-05
1 mM SA	CG	1	18226907	18226937	8	-0.172	0.102	5.5E-03	AT1G49260	nd	nd
1 mM SA	CG	1	18236915	18236920	4	0.196	0.135	7.7E-03	AT1G49300	-0.7	1.4E-01
1 mM SA	CG	1	18391723	18391736	4	-0.139	0.072	3.9E-03	AT1G49710	-0.9	4.9E-02
1 mM SA	CG	1	18854615	18854633	4	-0.265	0.243	6.6E-03	AT1G50870	nd	nd
1 mM SA	CG	1	19141034	19141047	4	-0.204	0.077	3.0E-03	AT1G51620	-2.3	1.1E-04
1 mM SA	CG	1	19248008	19248051	4	-0.193	0.114	4.3E-03	AT1G51830	nd	nd
1 mM SA	CG	1	19505021	19505035	4	-0.312	0.135	1.2E-03	AT1G52360	0.1	9.5E-01
1 mM SA	CG	1	19562554	19562643	4	-0.117	0.119	1.3E-03	AT1G52500	0.6	1.2E-01
1 mM SA	CG	1	19700408	19700512	6	-0.311	0.116	3.5E-03	AT1G52890	-2.8	6.2E-10
1 mM SA	CG	1	19705917	19705953	4	-0.380	0.013	1.2E-03	AT1G52905	-0.3	7.9E-01
1 mM SA	CG	1	19706475	19706498	4	0.172	0.057	8.0E-03	AT1G52905	-0.3	7.9E-01
1 mM SA	CG	1	19706711	19706831	26	-0.255	0.118	4.0E-03	AT1G52905	-0.3	7.9E-01
1 mM SA	CG	1	20106780	20106815	8	-0.229	0.210	3.2E-03	AT1G53850	0.1	8.9E-01
1 mM SA	CG	1	20272919	20272932	4	-0.119	0.110	4.9E-03	AT1G54310	0.9	1.7E-02
1 mM SA	CG	1	20527841	20527975	6	-0.135	0.087	8.8E-03	AT1G55020	-3.1	8.6E-14
1 mM SA	CG	1	20779899	20779933	4	0.113	0.124	7.0E-03	AT1G55610	-2.0	1.1E-03
1 mM SA	CG	1	21246328	21246418	8	-0.091	0.079	9.3E-03	AT1G56670	3.3	3.4E-13
1 mM SA	CG	1	21450666	21450743	8	-0.097	0.068	7.9E-03	AT1G58007	5.0	8.0E-05
1 mM SA	CG	1	21710515	21710594	6	-0.116	0.091	9.0E-03	AT1G58430	nd	nd
1 mM SA	CG	1	21747280	21747287	4	-0.203	0.119	7.7E-03	AT1G58602	-0.9	4.4E-02
1 mM SA	CG	1	21747660	21747734	4	-0.217	0.172	5.9E-03	AT1G58602	-0.9	4.4E-02
1 mM SA	CG	1	21857836	21857921	6	-0.168	0.067	5.9E-03	AT1G59500	nd	nd
1 mM SA	CG	1	21926469	21926474	4	-0.210	0.016	8.6E-04	AT1G59660	-1.5	3.1E-03
1 mM SA	CG	1	22033428	22033454	4	-0.253	0.055	1.3E-03	AT1G59865	1.0	1.3E-01

1 mM SA	CG	1	22362241	22362258	8	-0.135	0.100	4.8E-03	AT1G60740	-Inf	4.3E-03
1 mM SA	CG	1	22469261	22469314	6	-0.135	0.086	2.3E-03	AT1G60995	0.0	1.0E+00
1 mM SA	CG	1	22640408	22640457	4	-0.394	0.050	1.9E-03	AT1G61360	2.1	2.5E-14
1 mM SA	CG	1	22640592	22640628	8	-0.491	0.092	4.0E-04	AT1G61360	2.1	2.5E-14
1 mM SA	CG	1	22648001	22648016	4	-0.188	0.119	9.7E-03	AT1G61380	-0.8	1.2E-01
1 mM SA	CG	1	22662741	22662841	4	-0.323	0.172	9.2E-03	AT1G61420	-2.2	1.8E-05
1 mM SA	CG	1	22662974	22662991	4	-0.295	0.160	4.4E-03	AT1G61420	-2.2	1.8E-05
1 mM SA	CG	1	22859384	22859410	4	-0.219	0.126	6.9E-03	AT1G61850	-0.6	1.1E-01
1 mM SA	CG	1	22992105	22992164	4	-0.205	0.074	4.6E-03	AT1G62225	-Inf	1.0E+00
1 mM SA	CG	1	23241561	23241635	4	-0.177	0.198	9.8E-03	AT1G62760	-4.9	1.2E-08
1 mM SA	CG	1	23251760	23251787	6	-0.232	0.076	1.0E-03	AT1G62790	0.1	7.8E-01
1 mM SA	CG	1	23472526	23472541	4	-0.199	0.163	3.0E-03	AT1G63290	-0.6	1.3E-01
1 mM SA	CG	1	23510469	23510526	6	-0.202	0.086	5.0E-03	AT1G63410	nd	nd
1 mM SA	CG	1	23540568	23540578	4	-0.309	0.105	1.6E-03	AT1G63480	1.5	6.6E-03
1 mM SA	CG	1	23849093	23849105	4	-0.255	0.055	9.3E-04	AT1G64260	-0.3	9.1E-01
1 mM SA	CG	1	24275791	24275922	8	-0.131	0.046	5.9E-03	AT1G65350	-0.3	1.0E+00
1 mM SA	CG	1	24350749	24350759	4	-0.268	0.078	2.5E-03	AT1G65486	-1.4	1.0E-02
1 mM SA	CG	1	24550412	24550440	8	-0.148	0.145	3.0E-03	AT1G65950	0.3	5.3E-01
1 mM SA	CG	1	24596764	24596772	4	-0.233	0.111	3.0E-03	AT1G66070	0.4	4.6E-01
1 mM SA	CG	1	24683384	24683412	4	-0.161	0.096	3.0E-03	AT1G66235	nd	nd
1 mM SA	CG	1	24718012	24718022	4	-0.208	0.059	4.4E-03	AT1G66300	2.9	1.8E-01
1 mM SA	CG	1	24721251	24721285	4	-0.188	0.092	4.3E-03	AT1G66310	Inf	5.3E-01
1 mM SA	CG	1	24728601	24728629	4	-0.308	0.146	4.2E-03	AT1G66320	nd	nd
1 mM SA	CG	1	24857605	24857615	4	-0.154	0.098	7.3E-03	AT1G66640	nd	nd
1 mM SA	CG	1	24948368	24948465	4	-0.279	0.080	2.5E-03	AT1G66880	-1.6	4.9E-04
1 mM SA	CG	1	24955927	24955947	4	-0.293	0.040	5.1E-03	AT1G66890	0.9	2.1E-02
1 mM SA	CG	1	24966314	24966320	4	-0.378	0.276	8.8E-03	AT1G66920	-2.1	6.2E-06
1 mM SA	CG	1	25005789	25005797	4	-0.230	0.215	8.0E-03	AT1G67000	-2.3	5.4E-05
1 mM SA	CG	1	25098423	25098525	14	-0.177	0.095	6.9E-03	AT1G67130	nd	nd
1 mM SA	CG	1	25098759	25098769	4	-0.227	0.118	6.2E-03	AT1G67130	nd	nd
1 mM SA	CG	1	25192011	25192103	6	-0.137	0.082	8.8E-03	AT1G67290	-Inf	6.0E-02
1 mM SA	CG	1	25235059	25235069	4	-0.205	0.088	4.4E-03	AT1G67350	0.1	9.0E-01
1 mM SA	CG	1	25305352	25305426	8	-0.350	0.105	3.5E-03	AT1G67520	-3.6	6.5E-15
1 mM SA	CG	1	253111538	25311553	4	-0.176	0.050	3.8E-03	AT1G67540	-0.3	9.1E-01
1 mM SA	CG	1	25344292	25344301	4	-0.244	0.158	7.3E-03	AT1G67623	-0.3	1.0E+00
1 mM SA	CG	1	25456615	25456630	4	0.178	0.116	3.0E-03	AT1G67890	0.3	4.9E-01
1 mM SA	CG	1	25770461	25770508	10	-0.130	0.090	5.7E-03	AT1G68640	1.4	1.3E-01
1 mM SA	CG	1	25976436	25976446	4	-0.209	0.101	4.0E-03	AT1G69090	nd	nd
1 mM SA	CG	1	26348397	26348453	4	-0.171	0.051	8.7E-03	AT1G69960	-0.2	8.5E-01
1 mM SA	CG	1	26390158	26390165	4	-0.185	0.087	8.9E-03	AT1G70070	0.9	1.1E-02
1 mM SA	CG	1	26701999	26702053	4	0.183	0.094	9.1E-03	AT1G70790	0.4	5.5E-01
1 mM SA	CG	1	27440700	27440745	6	-0.238	0.040	3.1E-03	AT1G72930	-0.4	4.2E-01
1 mM SA	CG	1	27520549	27520558	4	-0.143	0.134	4.7E-03	AT1G73180	-1.0	1.4E-02
1 mM SA	CG	1	27813158	27813172	4	-0.218	0.060	1.0E-03	AT1G73960	-0.1	7.8E-01
1 mM SA	CG	1	28769751	28769757	4	-0.255	0.081	2.4E-03	AT1G76660	0.8	4.6E-02
1 mM SA	CG	1	29193753	29193781	6	0.127	0.096	2.3E-03	AT1G77680	0.2	5.7E-01
1 mM SA	CG	1	29401136	29401181	8	-0.119	0.079	4.3E-03	AT1G78130	-1.1	2.7E-02
1 mM SA	CG	1	29905459	29905506	4	-0.149	0.105	8.0E-03	AT1G79500	0.8	3.3E-02
1 mM SA	CG	1	29930307	29930318	4	-0.200	0.176	9.3E-03	AT1G79560	1.6	2.5E-06

1 mM SA	CG	1	30122038	30122130	4	-0.150	0.086	7.9E-03	AT1G80070	0.2	6.9E-01
1 mM SA	CG	1	30184286	30184324	6	-0.178	0.073	3.5E-03	AT1G80280	1.3	2.3E-02
1 mM SA	CG	1	30278436	30278525	6	-0.164	0.141	2.5E-03	AT1G80530	0.7	1.0E-01
1 mM SA	CG	2	1979	1988	6	-0.241	0.171	7.9E-03	AT2G01021	nd	nd
1 mM SA	CG	2	3576	3607	6	-0.171	0.092	3.0E-03	AT2G01021	nd	nd
1 mM SA	CG	2	5564	5658	26	-0.202	0.059	8.8E-03	AT2G01021	nd	nd
1 mM SA	CG	2	9369	9410	6	-0.310	0.073	9.0E-03	AT2G01023	nd	nd
1 mM SA	CG	2	152515	152603	10	-0.194	0.109	7.1E-03	AT2G01310	-2.1	6.1E-01
1 mM SA	CG	2	266133	266168	4	-0.186	0.125	5.5E-03	AT2G01580	nd	nd
1 mM SA	CG	2	268601	268625	6	-0.201	0.103	3.1E-03	AT2G01600	-0.5	2.7E-01
1 mM SA	CG	2	303306	303363	4	-0.223	0.041	6.5E-03	AT2G01680	-1.9	4.8E-06
1 mM SA	CG	2	390794	390879	4	-0.168	0.092	6.6E-03	AT2G01870	0.8	4.1E-02
1 mM SA	CG	2	483205	483234	4	-0.232	0.151	3.3E-03	AT2G02030	nd	nd
1 mM SA	CG	2	667708	667738	4	-0.222	0.128	2.2E-03	AT2G02490	nd	nd
1 mM SA	CG	2	678547	678647	6	-0.155	0.105	3.2E-03	AT2G02520	nd	nd
1 mM SA	CG	2	859150	859194	6	-0.203	0.119	6.4E-03	AT2G02955	0.0	9.4E-01
1 mM SA	CG	2	987705	987757	6	0.139	0.076	2.3E-03	AT2G03250	nd	nd
1 mM SA	CG	2	1011378	1011426	8	-0.128	0.075	6.1E-03	AT2G03330	-0.4	6.1E-01
1 mM SA	CG	2	1120216	1120240	4	-0.178	0.094	3.5E-03	AT2G03670	0.0	9.9E-01
1 mM SA	CG	2	1174198	1174249	8	-0.161	0.070	6.5E-03	AT2G03840	nd	nd
1 mM SA	CG	2	1198228	1198277	4	-0.174	0.051	9.6E-03	AT2G03913	nd	nd
1 mM SA	CG	2	1271637	1271660	8	-0.137	0.072	5.7E-03	AT2G04020	nd	nd
1 mM SA	CG	2	1276034	1276037	4	0.167	0.110	9.3E-03	AT2G04020	nd	nd
1 mM SA	CG	2	1349778	1349835	4	-0.130	0.079	5.1E-03	AT2G04063	nd	nd
1 mM SA	CG	2	1377655	1377666	4	-0.259	0.091	9.0E-03	AT2G04100	-5.2	8.8E-24
1 mM SA	CG	2	1380441	1380453	4	-0.224	0.032	8.6E-03	AT2G04100	-5.2	8.8E-24
1 mM SA	CG	2	1507402	1507439	4	-0.164	0.069	7.0E-03	AT2G04305	-0.6	2.8E-01
1 mM SA	CG	2	1565053	1565108	4	-0.315	0.043	8.7E-04	AT2G04495	-2.3	3.0E-06
1 mM SA	CG	2	1567281	1567286	4	-0.285	0.008	2.1E-03	AT2G04500	nd	nd
1 mM SA	CG	2	1567903	1567919	4	-0.269	0.072	3.0E-03	AT2G04500	nd	nd
1 mM SA	CG	2	1658430	1658450	6	0.179	0.076	3.5E-03	AT2G04740	-0.8	6.8E-02
1 mM SA	CG	2	1683072	1683100	6	-0.181	0.107	1.3E-03	AT2G04795	-2.9	7.3E-09
1 mM SA	CG	2	1737084	1737159	4	-0.132	0.090	9.8E-03	AT2G04940	0.0	8.6E-01
1 mM SA	CG	2	1741939	1741990	4	-0.203	0.066	1.0E-03	AT2G04940	0.0	8.6E-01
1 mM SA	CG	2	1848929	1849004	4	-0.113	0.098	7.9E-03	AT2G05120	0.7	1.9E-01
1 mM SA	CG	2	1889800	1889842	4	-0.195	0.106	9.6E-03	AT2G05210	1.3	4.7E-04
1 mM SA	CG	2	1951557	1951577	4	-0.172	0.076	7.3E-03	AT2G05350	nd	nd
1 mM SA	CG	2	1961854	1961928	4	-0.250	0.047	1.1E-03	AT2G05370	-2.8	1.7E-01
1 mM SA	CG	2	1965955	1965999	6	-0.263	0.040	5.7E-04	AT2G05380	-3.5	5.1E-11
1 mM SA	CG	2	1966083	1966103	4	-0.242	0.040	1.6E-03	AT2G05380	-3.5	5.1E-11
1 mM SA	CG	2	1982948	1982999	10	-0.110	0.076	7.9E-03	AT2G05420	nd	nd
1 mM SA	CG	2	1996020	1996051	4	-0.156	0.063	2.5E-03	AT2G05440	-1.9	3.7E-03
1 mM SA	CG	2	2038114	2038155	4	-0.179	0.078	2.4E-03	AT2G05540	0.9	2.5E-03
1 mM SA	CG	2	2051014	2051106	4	-0.205	0.168	6.9E-03	AT2G05580	nd	nd
1 mM SA	CG	2	2060189	2060206	4	-0.244	0.142	7.8E-03	AT2G05580	nd	nd
1 mM SA	CG	2	2182519	2182538	4	-0.147	0.063	5.7E-03	AT2G05760	1.2	6.8E-03
1 mM SA	CG	2	2274743	2274810	4	-0.159	0.052	3.1E-03	AT2G05920	-0.1	7.4E-01
1 mM SA	CG	2	2331567	2331663	8	-0.087	0.075	5.5E-03	AT2G06005	-0.6	3.2E-01
1 mM SA	CG	2	2366343	2366373	6	-0.087	0.093	6.6E-03	AT2G06050	2.0	2.5E-13

1 mM SA	CG	2	2453499	2453558	4	-0.131	0.127	5.1E-03	AT2G06255	-1.9	1.5E-03
1 mM SA	CG	2	2581673	2581710	6	-0.185	0.121	1.5E-03	AT2G06500	nd	nd
1 mM SA	CG	2	2598478	2598490	4	-0.186	0.070	1.8E-03	AT2G06541	nd	nd
1 mM SA	CG	2	2816213	2816248	8	-0.134	0.070	5.5E-03	AT2G06908	nd	nd
1 mM SA	CG	2	2819672	2819734	8	-0.129	0.071	8.9E-03	AT2G06908	nd	nd
1 mM SA	CG	2	2839652	2839742	4	-0.197	0.063	3.0E-03	AT2G06925	2.9	7.6E-16
1 mM SA	CG	2	2841176	2841218	4	-0.148	0.109	4.7E-03	AT2G06925	2.9	7.6E-16
1 mM SA	CG	2	2903259	2903346	4	-0.151	0.098	5.8E-03	AT2G07000	Inf	5.3E-01
1 mM SA	CG	2	2918340	2918369	4	-0.204	0.054	4.5E-03	AT2G07040	nd	nd
1 mM SA	CG	2	2972460	2972535	8	-0.138	0.110	1.0E-02	AT2G07170	2.8	5.9E-03
1 mM SA	CG	2	3035459	3035492	6	-0.160	0.175	1.5E-03	AT2G07310	nd	nd
1 mM SA	CG	2	3095265	3095296	4	-0.228	0.048	1.2E-03	AT2G07440	-Inf	1.0E+00
1 mM SA	CG	2	3096913	3096947	4	-0.122	0.086	7.7E-03	AT2G07440	-Inf	1.0E+00
1 mM SA	CG	2	3135153	3135193	4	-0.132	0.099	9.2E-03	AT2G07521	nd	nd
1 mM SA	CG	2	3141243	3141357	14	-0.094	0.064	6.9E-03	AT2G07521	nd	nd
1 mM SA	CG	2	3171543	3171631	6	-0.108	0.072	8.6E-03	AT2G07560	-Inf	1.0E+00
1 mM SA	CG	2	3276119	3276145	4	0.124	0.232	9.2E-03	AT2G07768	nd	nd
1 mM SA	CG	2	3335481	3335535	8	0.120	0.090	1.2E-03	AT2G07689	nd	nd
1 mM SA	CG	2	3336958	3337059	6	-0.178	0.098	1.6E-03	AT2G07689	nd	nd
1 mM SA	CG	2	3412708	3412834	14	0.165	0.073	2.3E-03	AT2G07715	Inf	5.3E-01
1 mM SA	CG	2	3447429	3447445	4	0.243	0.035	2.5E-03	AT2G07724	nd	nd
1 mM SA	CG	2	3463783	3463858	4	0.309	0.144	1.0E-03	AT2G07732	1.3	1.0E+00
1 mM SA	CG	2	3468399	3468485	6	0.255	0.250	3.5E-03	AT2G07732	1.3	1.0E+00
1 mM SA	CG	2	3469325	3469351	4	0.297	0.144	3.9E-03	AT2G07732	1.3	1.0E+00
1 mM SA	CG	2	3471567	3471600	4	-0.176	0.066	8.8E-03	AT2G07734	nd	nd
1 mM SA	CG	2	3475833	3475932	8	0.181	0.087	9.8E-03	AT2G07827	nd	nd
1 mM SA	CG	2	3492218	3492287	8	-0.103	0.064	8.3E-03	AT2G07738	nd	nd
1 mM SA	CG	2	3495938	3496043	6	0.254	0.038	1.0E-02	AT2G07739	nd	nd
1 mM SA	CG	2	3511106	3511230	6	-0.142	0.081	4.4E-03	AT2G07680	0.7	7.8E-02
1 mM SA	CG	2	3518086	3518106	4	-0.161	0.153	1.9E-03	AT2G07680	0.7	7.8E-02
1 mM SA	CG	2	3576537	3576609	10	-0.118	0.051	2.5E-03	AT2G07750	Inf	5.3E-01
1 mM SA	CG	2	3655133	3655278	8	-0.134	0.068	3.4E-03	AT2G09388	nd	nd
1 mM SA	CG	2	3702074	3702148	4	-0.173	0.063	5.1E-03	AT2G09838	nd	nd
1 mM SA	CG	2	3776576	3776598	4	-0.236	0.067	4.4E-03	AT2G09970	2.6	9.0E-02
1 mM SA	CG	2	3800841	3800852	4	0.152	0.080	9.1E-03	AT2G10020	nd	nd
1 mM SA	CG	2	4013317	4013348	4	-0.134	0.094	7.7E-03	AT2G10440	-Inf	2.2E-01
1 mM SA	CG	2	4115164	4115215	4	-0.176	0.097	9.2E-03	AT2G10560	nd	nd
1 mM SA	CG	2	4311653	4311713	4	-0.266	0.008	4.5E-03	AT2G10940	2.6	6.2E-22
1 mM SA	CG	2	4311803	4311878	6	-0.224	0.046	3.6E-03	AT2G10940	2.6	6.2E-22
1 mM SA	CG	2	4321293	4321351	4	-0.169	0.078	1.2E-03	AT2G10965	nd	nd
1 mM SA	CG	2	4324601	4324624	4	-0.145	0.101	5.1E-03	AT2G10965	nd	nd
1 mM SA	CG	2	4327283	4327368	6	-0.134	0.070	5.1E-03	AT2G10965	nd	nd
1 mM SA	CG	2	4488684	4488775	16	-0.114	0.086	2.5E-03	AT2G11271	nd	nd
1 mM SA	CG	2	4614673	4614684	4	-0.161	0.047	9.5E-04	AT2G11520	-0.8	8.7E-02
1 mM SA	CG	2	4740379	4740464	12	-0.098	0.069	9.1E-03	AT2G11810	4.3	2.4E-09
1 mM SA	CG	2	4798832	4798843	4	-0.149	0.088	4.5E-03	AT2G11890	0.1	9.7E-01
1 mM SA	CG	2	4900693	4900765	4	-0.266	0.115	2.3E-03	AT2G12200	nd	nd
1 mM SA	CG	2	4924230	4924275	10	-0.139	0.113	8.7E-04	AT2G12290	nd	nd
1 mM SA	CG	2	5013506	5013558	12	-0.130	0.091	1.6E-03	AT2G12405	nd	nd

1 mM SA	CG	2	5059778	5059849	4	-0.162	0.099	4.1E-03	AT2G12465	nd	nd
1 mM SA	CG	2	5123731	5123829	8	-0.131	0.052	2.3E-03	AT2G12557	nd	nd
1 mM SA	CG	2	5286651	5286664	4	-0.165	0.106	7.3E-03	AT2G12875	nd	nd
1 mM SA	CG	2	5288754	5288850	14	-0.086	0.088	5.7E-03	AT2G12875	nd	nd
1 mM SA	CG	2	5298220	5298257	10	-0.128	0.066	4.6E-03	AT2G12905	nd	nd
1 mM SA	CG	2	5317617	5317646	6	-0.090	0.076	8.0E-03	AT2G12940	Inf	5.3E-01
1 mM SA	CG	2	5325599	5325609	4	-0.157	0.113	7.9E-03	AT2G12945	nd	nd
1 mM SA	CG	2	5387577	5387646	8	-0.139	0.059	9.1E-03	AT2G13100	0.8	2.4E-02
1 mM SA	CG	2	5394859	5394902	8	-0.143	0.073	7.8E-03	AT2G13100	0.8	2.4E-02
1 mM SA	CG	2	5497336	5497405	6	-0.199	0.149	2.4E-03	AT2G13272	nd	nd
1 mM SA	CG	2	5626785	5626865	4	-0.171	0.103	7.9E-03	AT2G13500	nd	nd
1 mM SA	CG	2	5737611	5737651	4	-0.230	0.052	4.9E-03	AT2G13770	nd	nd
1 mM SA	CG	2	5742737	5742755	4	-0.286	0.117	1.6E-03	AT2G13790	-0.7	1.9E-01
1 mM SA	CG	2	5855433	5855472	6	-0.091	0.075	7.9E-03	AT2G13950	nd	nd
1 mM SA	CG	2	5861282	5861345	4	-0.142	0.091	5.7E-03	AT2G13960	-1.8	5.8E-01
1 mM SA	CG	2	5917944	5917972	4	-0.185	0.032	1.2E-03	AT2G14060	2.3	1.8E-01
1 mM SA	CG	2	5947231	5947313	8	-0.170	0.111	7.5E-04	AT2G14110	-0.4	4.4E-01
1 mM SA	CG	2	5975576	5975632	6	-0.110	0.074	9.0E-03	AT2G14160	0.6	3.3E-01
1 mM SA	CG	2	6092445	6092608	6	-0.151	0.056	1.5E-03	AT2G14365	nd	nd
1 mM SA	CG	2	6144159	6144171	4	-0.271	0.037	2.0E-03	AT2G14440	nd	nd
1 mM SA	CG	2	6145874	6145895	6	-0.183	0.136	3.2E-03	AT2G14440	nd	nd
1 mM SA	CG	2	6215646	6215710	8	-0.250	0.106	2.1E-03	AT2G14560	-3.2	6.2E-12
1 mM SA	CG	2	6231090	6231145	4	-0.130	0.158	9.5E-03	AT2G14580	nd	nd
1 mM SA	CG	2	6237888	6237934	6	-0.284	0.229	9.9E-04	AT2G14610	-7.2	8.2E-51
1 mM SA	CG	2	6238192	6238303	6	-0.381	0.118	1.9E-03	AT2G14610	-7.2	8.2E-51
1 mM SA	CG	2	6271047	6271074	4	-0.193	0.099	8.8E-03	AT2G14660	1.4	3.2E-03
1 mM SA	CG	2	6305677	6305692	4	-0.185	0.149	1.9E-03	AT2G14720	-0.8	9.2E-02
1 mM SA	CG	2	6507648	6507670	6	-0.355	0.088	2.1E-03	AT2G15042	-0.8	9.6E-02
1 mM SA	CG	2	6507715	6507738	8	-0.298	0.207	9.6E-04	AT2G15042	-0.8	9.6E-02
1 mM SA	CG	2	6508389	6508466	8	-0.290	0.143	1.2E-03	AT2G15042	-0.8	9.6E-02
1 mM SA	CG	2	6508880	6508888	6	-0.248	0.155	1.0E-03	AT2G15042	-0.8	9.6E-02
1 mM SA	CG	2	6552323	6552378	8	-0.096	0.063	1.4E-03	AT2G15110	nd	nd
1 mM SA	CG	2	6559616	6559623	4	-0.326	0.090	8.8E-03	AT2G15110	nd	nd
1 mM SA	CG	2	6561080	6561193	10	-0.163	0.104	9.8E-03	AT2G15130	0.3	1.0E+00
1 mM SA	CG	2	6648256	6648313	4	-0.170	0.114	7.0E-03	AT2G15300	-0.3	1.0E+00
1 mM SA	CG	2	6745735	6745780	4	0.267	0.217	8.0E-03	AT2G15440	4.8	7.5E-14
1 mM SA	CG	2	6781416	6781563	8	-0.168	0.091	1.9E-03	AT2G15535	nd	nd
1 mM SA	CG	2	6815972	6815983	4	-0.153	0.086	9.5E-03	AT2G15630	-0.3	8.6E-01
1 mM SA	CG	2	6879091	6879095	4	-0.200	0.155	2.6E-03	AT2G15790	0.2	6.5E-01
1 mM SA	CG	2	6967673	6967686	4	-0.138	0.099	6.3E-03	AT2G16015	nd	nd
1 mM SA	CG	2	6974719	6974765	8	-0.085	0.079	6.0E-03	AT2G16030	Inf	4.4E-04
1 mM SA	CG	2	7019585	7019629	12	-0.138	0.090	3.4E-03	AT2G16190	nd	nd
1 mM SA	CG	2	7227316	7227330	4	-0.168	0.072	7.1E-03	AT2G16668	nd	nd
1 mM SA	CG	2	7527121	7527159	8	-0.117	0.068	5.1E-03	AT2G17305	nd	nd
1 mM SA	CG	2	7732250	7732328	4	-0.145	0.100	5.9E-03	AT2G17787	-0.9	8.3E-02
1 mM SA	CG	2	7773124	7773156	4	-0.296	0.083	9.8E-04	AT2G17890	Inf	5.3E-01
1 mM SA	CG	2	8035430	8035443	4	-0.159	0.063	4.6E-03	AT2G18520	0.8	2.2E-01
1 mM SA	CG	2	8097855	8097887	4	-0.468	0.113	4.7E-04	AT2G18690	-1.7	6.3E-04
1 mM SA	CG	2	8098177	8098284	6	-0.372	0.089	7.9E-03	AT2G18690	-1.7	6.3E-04

1 mM SA	CG	2	8271328	8271443	6	-0.118	0.063	7.5E-03	AT2G19090	1.2	5.8E-02
1 mM SA	CG	2	8622234	8622311	4	-0.232	0.056	5.9E-03	AT2G19960	-2.3	3.8E-02
1 mM SA	CG	2	8622545	8622558	4	-0.338	0.195	7.5E-03	AT2G19960	-2.3	3.8E-02
1 mM SA	CG	2	8638332	8638371	6	-0.123	0.122	9.7E-03	AT2G20010	-0.8	1.1E-01
1 mM SA	CG	2	8883531	8883605	4	0.267	0.040	4.6E-03	AT2G20613	nd	nd
1 mM SA	CG	2	8963778	8963819	6	-0.137	0.097	6.7E-03	AT2G20820	-1.2	5.1E-03
1 mM SA	CG	2	9026001	9026039	4	-0.246	0.130	1.1E-03	AT2G21040	nd	nd
1 mM SA	CG	2	9108285	9108296	4	-0.133	0.078	5.1E-03	AT2G21270	-0.7	1.1E-01
1 mM SA	CG	2	9559446	9559470	4	-0.226	0.149	6.5E-03	AT2G22490	-1.3	3.0E-03
1 mM SA	CG	2	9742405	9742414	6	-0.168	0.145	9.7E-03	AT2G22890	2.2	2.3E-04
1 mM SA	CG	2	9773775	9773784	8	-0.166	0.074	9.1E-03	AT2G22970	0.3	5.5E-01
1 mM SA	CG	2	9880831	9880841	4	-0.149	0.077	7.2E-03	AT2G23200	-0.6	3.1E-01
1 mM SA	CG	2	9961704	9961718	4	-0.198	0.097	2.8E-03	AT2G23390	0.5	2.7E-01
1 mM SA	CG	2	10249961	10250035	6	-0.137	0.086	4.2E-03	AT2G24120	1.4	8.2E-05
1 mM SA	CG	2	10525738	10525814	4	-0.224	0.095	1.6E-03	AT2G24720	nd	nd
1 mM SA	CG	2	10627603	10627645	6	-0.188	0.102	8.4E-03	AT2G24990	-0.1	6.3E-01
1 mM SA	CG	2	10806711	10806738	4	-0.175	0.114	8.6E-03	AT2G25370	nd	nd
1 mM SA	CG	2	10813114	10813166	6	0.184	0.167	1.5E-03	AT2G25410	nd	nd
1 mM SA	CG	2	11008624	11008710	6	-0.159	0.119	1.5E-03	AT2G25800	0.4	2.8E-01
1 mM SA	CG	2	11134306	11134319	4	-0.151	0.064	3.2E-03	AT2G26140	-0.3	4.7E-01
1 mM SA	CG	2	11162231	11162312	4	-0.416	0.157	5.5E-04	AT2G26215	nd	nd
1 mM SA	CG	2	11177290	11177379	4	-0.199	0.095	9.8E-03	AT2G26260	1.0	2.9E-02
1 mM SA	CG	2	11315806	11315895	4	-0.266	0.182	5.8E-03	AT2G26600	-1.5	6.5E-04
1 mM SA	CG	2	11785498	11785517	6	-0.117	0.126	2.8E-03	AT2G27610	0.5	4.2E-01
1 mM SA	CG	2	11923120	11923151	6	-0.246	0.151	4.0E-03	AT2G27990	-0.5	6.0E-01
1 mM SA	CG	2	12333839	12333893	8	-0.171	0.138	4.5E-03	AT2G28755	-2.2	5.7E-02
1 mM SA	CG	2	12668780	12668784	4	0.175	0.150	8.2E-03	AT2G29630	0.1	9.1E-01
1 mM SA	CG	2	12745555	12745652	10	-0.099	0.108	6.7E-03	AT2G29890	1.9	1.2E-04
1 mM SA	CG	2	12869290	12869293	4	-0.217	0.070	6.8E-03	AT2G30130	nd	nd
1 mM SA	CG	2	12887161	12887179	4	-0.176	0.100	7.6E-03	AT2G30200	1.8	4.1E-08
1 mM SA	CG	2	13374739	13374823	4	-0.147	0.134	5.7E-03	AT2G31360	2.3	3.6E-23
1 mM SA	CG	2	13537445	13537495	4	-0.152	0.078	8.5E-03	AT2G31830	0.9	2.1E-01
1 mM SA	CG	2	13557413	13557417	4	-0.333	0.101	1.4E-03	AT2G31890	-0.2	9.6E-01
1 mM SA	CG	2	13686163	13686209	4	-0.084	0.097	1.4E-03	AT2G32240	0.4	2.2E-01
1 mM SA	CG	2	14276710	14276759	8	-0.133	0.121	9.7E-03	AT2G33760	0.6	3.4E-01
1 mM SA	CG	2	14405494	14405517	4	0.121	0.134	7.2E-03	AT2G34120	nd	nd
1 mM SA	CG	2	14619377	14619410	6	-0.173	0.101	8.0E-03	AT2G34680	1.8	8.4E-09
1 mM SA	CG	2	14676282	14676360	14	-0.096	0.085	2.6E-03	AT2G34790	0.4	4.2E-01
1 mM SA	CG	2	14805923	14805936	4	-0.205	0.078	2.8E-03	AT2G35120	0.5	2.5E-01
1 mM SA	CG	2	14860390	14860484	4	-0.148	0.138	7.2E-03	AT2G35280	nd	nd
1 mM SA	CG	2	14949403	14949418	4	-0.210	0.112	4.1E-03	AT2G35610	-0.6	2.2E-01
1 mM SA	CG	2	15068301	15068331	4	-0.251	0.164	3.8E-03	AT2G35890	nd	nd
1 mM SA	CG	2	15312582	15312586	4	-0.162	0.050	1.0E-03	AT2G36490	1.1	3.0E-03
1 mM SA	CG	2	15385413	15385434	6	0.175	0.122	9.0E-03	AT2G36700	nd	nd
1 mM SA	CG	2	15930539	15930550	4	0.182	0.101	5.1E-03	AT2G38070	-0.9	1.8E-01
1 mM SA	CG	2	16331889	16331906	4	-0.168	0.096	7.1E-03	AT2G39140	1.5	6.4E-06
1 mM SA	CG	2	16348184	16348249	4	-0.183	0.105	6.8E-03	AT2G39180	1.8	6.6E-04
1 mM SA	CG	2	16752596	16752599	4	-0.303	0.162	2.4E-03	AT2G40116	nd	nd
1 mM SA	CG	2	17256539	17256603	6	-0.101	0.073	6.6E-03	AT2G41390	nd	nd

1 mM SA	CG	2	17289509	17289541	4	-0.182	0.144	8.2E-03	AT2G41460	0.2	8.3E-01
1 mM SA	CG	2	17307851	17307873	6	-0.134	0.096	9.1E-03	AT2G41500	-0.9	3.6E-02
1 mM SA	CG	2	17499693	17499740	4	0.131	0.111	8.0E-03	AT2G41920	nd	nd
1 mM SA	CG	2	18244762	18244766	4	-0.186	0.070	8.2E-03	AT2G44100	-0.5	3.2E-01
1 mM SA	CG	2	18288715	18288770	8	-0.247	0.089	4.3E-03	AT2G44240	-12.3	5.1E-45
1 mM SA	CG	2	18596784	18596874	4	-0.151	0.052	8.8E-03	AT2G45100	1.0	2.8E-02
1 mM SA	CG	2	18890307	18890313	4	-0.159	0.103	9.2E-03	AT2G45900	3.3	3.8E-05
1 mM SA	CG	2	19400160	19400173	4	-0.191	0.073	1.3E-03	AT2G47250	0.0	1.0E+00
1 mM SA	CG	3	58935	58946	4	-0.178	0.065	8.1E-03	AT3G01175	-6.4	3.3E-17
1 mM SA	CG	3	107250	107260	4	0.170	0.060	3.6E-03	AT3G01320	-0.4	3.0E-01
1 mM SA	CG	3	213113	213137	4	0.223	0.080	9.2E-03	AT3G01540	-1.0	3.0E-02
1 mM SA	CG	3	760319	760354	6	-0.114	0.110	8.3E-03	AT3G03260	nd	nd
1 mM SA	CG	3	824847	824854	4	-0.238	0.052	9.7E-03	AT3G03470	-3.5	2.9E-17
1 mM SA	CG	3	824861	824881	8	-0.188	0.064	9.7E-03	AT3G03470	-3.5	2.9E-17
1 mM SA	CG	3	1111852	1111873	6	-0.289	0.131	7.6E-03	AT3G04220	-2.1	4.0E-03
1 mM SA	CG	3	1163230	1163243	4	0.113	0.095	8.8E-03	AT3G04380	0.9	1.3E-01
1 mM SA	CG	3	1571326	1571342	6	0.178	0.074	1.0E-02	AT3G05440	nd	nd
1 mM SA	CG	3	1607182	1607200	4	-0.158	0.112	8.4E-03	AT3G05540	nd	nd
1 mM SA	CG	3	2888238	2888358	8	-0.232	0.095	2.0E-03	AT3G09390	-1.4	7.1E-03
1 mM SA	CG	3	3152543	3152589	4	-0.152	0.106	6.9E-03	AT3G10180	1.2	4.5E-03
1 mM SA	CG	3	3538299	3538326	4	-0.218	0.105	7.2E-03	AT3G11290	0.0	1.0E+00
1 mM SA	CG	3	3812578	3812672	8	-0.153	0.134	6.5E-03	AT3G11980	nd	nd
1 mM SA	CG	3	4247197	4247209	4	-0.180	0.117	8.2E-03	AT3G13210	0.4	6.0E-01
1 mM SA	CG	3	4513204	4513228	6	-0.237	0.091	6.6E-03	AT3G13750	0.9	6.7E-03
1 mM SA	CG	3	4857935	4857945	4	-0.269	0.097	7.5E-03	AT3G14470	-1.6	6.0E-04
1 mM SA	CG	3	4913884	4913913	4	-0.372	0.131	3.4E-03	AT3G14610	-1.5	3.7E-02
1 mM SA	CG	3	4914218	4914278	14	-0.422	0.180	6.5E-04	AT3G14610	-1.5	3.7E-02
1 mM SA	CG	3	4929673	4929727	4	-0.152	0.091	6.9E-03	AT3G14670	-1.4	8.6E-01
1 mM SA	CG	3	5197650	5197663	4	-0.276	0.246	8.0E-03	AT3G15390	-0.6	2.5E-01
1 mM SA	CG	3	5249426	5249470	6	-0.322	0.101	7.6E-03	AT3G15518	-0.3	8.2E-01
1 mM SA	CG	3	5249484	5249500	4	-0.363	0.093	3.1E-03	AT3G15518	-0.3	8.2E-01
1 mM SA	CG	3	5683351	5683413	6	-0.200	0.100	8.3E-03	AT3G16680	Inf	1.3E-01
1 mM SA	CG	3	5915808	5915827	4	-0.180	0.042	8.6E-03	AT3G17320	Inf	5.3E-01
1 mM SA	CG	3	5955360	5955366	4	-0.314	0.148	2.7E-03	AT3G17400	nd	nd
1 mM SA	CG	3	6291575	6291729	6	-0.185	0.085	6.9E-03	AT3G18330	2.2	3.0E-01
1 mM SA	CG	3	6705503	6705568	8	-0.215	0.059	3.5E-03	AT3G19350	Inf	1.5E-03
1 mM SA	CG	3	7342974	7343081	6	-0.184	0.127	7.9E-03	AT3G20950	nd	nd
1 mM SA	CG	3	7492369	7492386	4	-0.292	0.109	3.5E-03	AT3G21295	-1.2	4.9E-03
1 mM SA	CG	3	7493157	7493190	4	-0.314	0.058	9.5E-04	AT3G21300	1.7	5.5E-06
1 mM SA	CG	3	7573221	7573236	4	-0.264	0.150	8.0E-03	AT3G21490	-2.1	5.0E-01
1 mM SA	CG	3	7582534	7582543	4	-0.206	0.021	3.4E-03	AT3G21520	-3.1	2.2E-06
1 mM SA	CG	3	7714528	7714542	4	-0.192	0.063	8.0E-03	AT3G21900	nd	nd
1 mM SA	CG	3	7845316	7845395	10	-0.253	0.130	2.2E-03	AT3G22230	0.5	2.8E-01
1 mM SA	CG	3	7922258	7922278	4	-0.223	0.205	6.7E-03	AT3G22400	-0.8	9.6E-02
1 mM SA	CG	3	8006324	8006330	4	-0.258	0.033	2.3E-03	AT3G22600	-5.3	2.7E-43
1 mM SA	CG	3	8007010	8007076	8	-0.411	0.165	4.6E-04	AT3G22600	-5.3	2.7E-43
1 mM SA	CG	3	8007286	8007306	6	-0.429	0.081	1.9E-03	AT3G22600	-5.3	2.7E-43
1 mM SA	CG	3	8054988	8054994	4	-0.191	0.103	2.4E-03	AT3G22790	4.7	1.3E-45
1 mM SA	CG	3	8150043	8150055	4	-0.156	0.118	5.1E-03	AT3G22968	0.7	4.0E-02

1 mM SA	CG	3	8411144	8411192	4	-0.319	0.192	4.9E-03	AT3G23450	3.0	3.5E-24
1 mM SA	CG	3	8643904	8643920	4	-0.151	0.104	8.6E-03	AT3G23920	-1.4	9.9E-04
1 mM SA	CG	3	8832251	8832260	4	-0.197	0.148	9.1E-03	AT3G24340	0.8	4.0E-01
1 mM SA	CG	3	8846505	8846587	6	-0.156	0.070	4.3E-03	AT3G24360	2.0	1.1E-02
1 mM SA	CG	3	9595752	9595758	4	-0.266	0.067	2.4E-03	AT3G26210	-2.4	3.5E-07
1 mM SA	CG	3	9693046	9693082	6	-0.133	0.084	2.7E-03	AT3G26480	1.0	3.7E-01
1 mM SA	CG	3	9710477	9710486	4	-0.354	0.055	7.3E-03	AT3G26510	-0.4	5.9E-01
1 mM SA	CG	3	9900926	9900959	4	-0.159	0.090	2.2E-03	AT3G26860	nd	nd
1 mM SA	CG	3	10031603	10031612	4	-0.177	0.069	7.0E-03	AT3G27180	1.1	5.8E-03
1 mM SA	CG	3	10039928	10039933	4	-0.199	0.122	6.9E-03	AT3G27190	-1.0	1.3E-01
1 mM SA	CG	3	10195280	10195294	4	-0.140	0.078	2.5E-03	AT3G27530	-0.2	6.3E-01
1 mM SA	CG	3	10352282	10352303	4	0.213	0.119	6.1E-03	AT3G27890	-0.8	9.3E-02
1 mM SA	CG	3	10415074	10415083	4	-0.179	0.069	3.5E-03	AT3G28020	nd	nd
1 mM SA	CG	3	10481143	10481255	12	-0.077	0.064	6.4E-03	AT3G28155	-Inf	6.6E-01
1 mM SA	CG	3	10486678	10486694	4	-0.139	0.106	9.7E-03	AT3G28155	-Inf	6.6E-01
1 mM SA	CG	3	10521403	10521429	4	-0.249	0.040	3.5E-03	AT3G28210	-2.8	5.1E-09
1 mM SA	CG	3	10631975	10631986	4	-0.137	0.101	9.7E-03	AT3G28390	nd	nd
1 mM SA	CG	3	10635142	10635208	16	-0.088	0.049	6.5E-03	AT3G28390	nd	nd
1 mM SA	CG	3	10640325	10640425	10	-0.119	0.098	7.9E-03	AT3G28410	nd	nd
1 mM SA	CG	3	10684978	10685032	4	-0.349	0.074	1.6E-03	AT3G28510	-7.5	6.6E-33
1 mM SA	CG	3	10685900	10685932	4	-0.295	0.082	4.5E-03	AT3G28510	-7.5	6.6E-33
1 mM SA	CG	3	10686268	10686272	4	-0.435	0.109	1.6E-03	AT3G28510	-7.5	6.6E-33
1 mM SA	CG	3	10686384	10686410	4	-0.516	0.090	6.2E-05	AT3G28510	-7.5	6.6E-33
1 mM SA	CG	3	10691180	10691227	8	-0.116	0.070	4.0E-03	AT3G28530	nd	nd
1 mM SA	CG	3	10696297	10696305	4	-0.329	0.213	4.7E-03	AT3G28540	-3.3	2.8E-15
1 mM SA	CG	3	10825835	10825917	4	-0.132	0.071	5.5E-03	AT3G28820	nd	nd
1 mM SA	CG	3	10931113	10931130	4	-0.241	0.057	2.6E-03	AT3G28918	nd	nd
1 mM SA	CG	3	10932830	10932871	4	-0.156	0.079	5.1E-03	AT3G28918	nd	nd
1 mM SA	CG	3	10984537	10984640	12	-0.095	0.069	6.2E-03	AT3G28960	0.7	3.4E-01
1 mM SA	CG	3	11007266	11007274	4	-0.240	0.069	7.2E-03	AT3G29010	0.3	5.0E-01
1 mM SA	CG	3	11055337	11055357	4	-0.254	0.026	8.5E-04	AT3G29075	-1.3	1.9E-03
1 mM SA	CG	3	11056203	11056229	8	-0.098	0.068	7.1E-03	AT3G29075	-1.3	1.9E-03
1 mM SA	CG	3	11064537	11064550	4	-0.141	0.071	6.0E-03	AT3G29080	nd	nd
1 mM SA	CG	3	11205956	11206025	6	-0.190	0.075	8.3E-03	AT3G29255	nd	nd
1 mM SA	CG	3	11391754	11391776	4	-0.195	0.077	7.6E-03	AT3G29580	nd	nd
1 mM SA	CG	3	11403220	11403265	6	-0.111	0.072	1.0E-02	AT3G29590	Inf	2.7E-01
1 mM SA	CG	3	11473960	11474100	6	-0.196	0.100	4.5E-03	AT3G29638	-Inf	4.4E-01
1 mM SA	CG	3	11548505	11548544	4	-0.148	0.067	2.6E-03	AT3G29720	nd	nd
1 mM SA	CG	3	11553315	11553328	4	-0.183	0.067	6.5E-03	AT3G29720	nd	nd
1 mM SA	CG	3	11592919	11592942	4	-0.182	0.052	4.0E-03	AT3G29760	1.1	1.6E-03
1 mM SA	CG	3	11650329	11650333	4	-0.230	0.179	4.8E-03	AT3G29770	-0.7	2.1E-01
1 mM SA	CG	3	11669797	11669853	6	-0.132	0.112	1.4E-03	AT3G29780	nd	nd
1 mM SA	CG	3	11693942	11693988	4	-0.226	0.055	8.8E-03	AT3G29790	nd	nd
1 mM SA	CG	3	11724628	11724644	4	-0.160	0.055	3.5E-03	AT3G29810	-1.8	7.6E-03
1 mM SA	CG	3	11743716	11743726	4	0.130	0.099	4.2E-03	AT3G29970	-Inf	6.6E-01
1 mM SA	CG	3	11842947	11842952	4	-0.200	0.083	5.1E-03	AT3G30210	-Inf	4.6E-01
1 mM SA	CG	3	11875724	11875774	6	-0.118	0.079	9.0E-03	AT3G30220	nd	nd
1 mM SA	CG	3	12069831	12069838	4	-0.120	0.113	8.6E-03	AT3G30430	nd	nd
1 mM SA	CG	3	12129245	12129309	6	-0.097	0.088	4.6E-03	AT3G30520	nd	nd

1 mM SA	CG	3	12446659	12446754	4	-0.190	0.071	6.3E-03	AT3G30770	-Inf	3.1E-01
1 mM SA	CG	3	12462153	12462219	10	-0.108	0.068	9.1E-03	AT3G30778	nd	nd
1 mM SA	CG	3	12493360	12493372	4	-0.254	0.084	7.0E-03	AT3G30805	nd	nd
1 mM SA	CG	3	12621366	12621381	4	-0.152	0.078	8.8E-03	AT3G30845	nd	nd
1 mM SA	CG	3	12701095	12701157	12	-0.109	0.067	9.4E-03	AT3G31350	nd	nd
1 mM SA	CG	3	12765905	12765988	6	-0.139	0.081	1.6E-03	AT3G31400	nd	nd
1 mM SA	CG	3	12773493	12773575	6	-0.115	0.100	4.6E-03	AT3G31402	nd	nd
1 mM SA	CG	3	12871326	12871384	6	-0.187	0.084	1.4E-03	AT3G31900	nd	nd
1 mM SA	CG	3	12948375	12948411	10	-0.107	0.056	5.1E-03	AT3G31950	nd	nd
1 mM SA	CG	3	13043591	13043692	8	-0.113	0.089	2.0E-03	AT3G32036	nd	nd
1 mM SA	CG	3	13058091	13058112	4	-0.165	0.052	1.3E-03	AT3G32047	nd	nd
1 mM SA	CG	3	13067996	13068003	4	-0.199	0.087	1.4E-03	AT3G32050	nd	nd
1 mM SA	CG	3	13071914	13071982	8	-0.124	0.077	4.4E-03	AT3G32052	nd	nd
1 mM SA	CG	3	13077584	13077676	6	-0.099	0.089	7.3E-03	AT3G32090	-Inf	6.6E-01
1 mM SA	CG	3	13078759	13078908	6	-0.161	0.093	1.0E-03	AT3G32090	-Inf	6.6E-01
1 mM SA	CG	3	13157993	13158032	4	-0.217	0.083	4.4E-03	AT3G32180	nd	nd
1 mM SA	CG	3	13158559	13158603	4	-0.146	0.068	5.3E-03	AT3G32180	nd	nd
1 mM SA	CG	3	13216969	13217004	8	-0.149	0.098	5.0E-03	AT3G32260	nd	nd
1 mM SA	CG	3	13277887	13277928	8	-0.145	0.068	4.2E-03	AT3G32330	nd	nd
1 mM SA	CG	3	13368373	13368420	6	-0.161	0.135	1.0E-03	AT3G32410	nd	nd
1 mM SA	CG	3	14020410	14020541	6	-0.141	0.061	8.9E-03	AT3G33187	nd	nd
1 mM SA	CG	3	14034030	14034127	10	-0.135	0.096	9.2E-03	AT3G33293	nd	nd
1 mM SA	CG	3	14034880	14034883	4	-0.164	0.106	4.7E-03	AT3G33293	nd	nd
1 mM SA	CG	3	14099025	14099076	4	0.153	0.090	2.6E-03	AT3G33520	-0.2	7.3E-01
1 mM SA	CG	3	14236496	14236534	4	-0.181	0.067	7.2E-03	AT3G42050	0.2	6.7E-01
1 mM SA	CG	3	14461973	14462027	4	-0.151	0.078	6.9E-03	AT3G42310	nd	nd
1 mM SA	CG	3	14508917	14508980	8	-0.181	0.077	4.4E-03	AT3G42385	nd	nd
1 mM SA	CG	3	14756620	14756639	4	-0.139	0.114	6.9E-03	AT3G42670	0.2	7.4E-01
1 mM SA	CG	3	14788814	14788855	4	-0.201	0.122	5.0E-03	AT3G42728	nd	nd
1 mM SA	CG	3	14842143	14842256	6	-0.167	0.117	3.2E-03	AT3G42723	nd	nd
1 mM SA	CG	3	14870410	14870431	4	-0.161	0.087	5.4E-03	AT3G42780	nd	nd
1 mM SA	CG	3	15031975	15032035	12	-0.118	0.047	2.5E-03	AT3G42990	nd	nd
1 mM SA	CG	3	15097461	15097476	4	-0.216	0.073	1.3E-03	AT3G43120	nd	nd
1 mM SA	CG	3	15147213	15147234	4	-0.185	0.078	4.9E-03	AT3G43150	nd	nd
1 mM SA	CG	3	15164050	15164161	8	-0.174	0.084	6.7E-04	AT3G43160	nd	nd
1 mM SA	CG	3	15245915	15245927	4	-0.158	0.090	5.1E-03	AT3G43300	0.0	1.0E+00
1 mM SA	CG	3	15287512	15287595	4	-0.158	0.117	7.6E-03	AT3G43340	nd	nd
1 mM SA	CG	3	15427180	15427291	8	-0.106	0.092	9.6E-03	AT3G43540	0.4	2.6E-01
1 mM SA	CG	3	15649963	15649996	4	0.129	0.146	4.2E-03	AT3G43750	nd	nd
1 mM SA	CG	3	15728161	15728226	6	-0.215	0.153	8.8E-03	AT3G43870	nd	nd
1 mM SA	CG	3	15728416	15728516	8	-0.206	0.140	3.6E-03	AT3G43870	nd	nd
1 mM SA	CG	3	15864047	15864093	8	-0.172	0.089	4.9E-03	AT3G44100	-1.1	7.7E-03
1 mM SA	CG	3	15899761	15899780	4	-0.151	0.090	7.7E-03	AT3G44180	nd	nd
1 mM SA	CG	3	15909222	15909230	4	-0.205	0.148	5.1E-03	AT3G44200	-0.1	9.0E-01
1 mM SA	CG	3	15913850	15913863	4	0.193	0.102	5.1E-03	AT3G44210	-Inf	1.0E+00
1 mM SA	CG	3	15933795	15933856	4	-0.143	0.121	2.0E-03	AT3G44235	nd	nd
1 mM SA	CG	3	15955496	15955577	6	-0.091	0.091	8.7E-03	AT3G44261	nd	nd
1 mM SA	CG	3	16174180	16174252	8	-0.199	0.078	8.5E-03	AT3G44600	-0.2	5.7E-01
1 mM SA	CG	3	16245056	16245079	6	-0.150	0.080	5.0E-03	AT3G44704	nd	nd

1 mM SA	CG	3	16340406	16340441	4	-0.152	0.083	3.2E-03	AT3G44800	0.6	5.2E-01
1 mM SA	CG	3	16371950	16372058	10	-0.106	0.068	8.0E-03	AT3G44830	-3.6	1.2E-02
1 mM SA	CG	3	16408407	16408448	4	-0.183	0.122	6.5E-03	AT3G44935	nd	nd
1 mM SA	CG	3	16470851	16470859	4	-0.248	0.076	4.6E-03	AT3G45020	-1.1	5.9E-02
1 mM SA	CG	3	16546540	16546616	6	-0.116	0.092	4.9E-03	AT3G45190	-0.5	2.4E-01
1 mM SA	CG	3	16558457	16558521	4	0.265	0.247	7.3E-03	AT3G45210	-0.8	7.6E-02
1 mM SA	CG	3	16661195	16661364	6	-0.260	0.123	4.1E-03	AT3G45430	6.9	9.4E-13
1 mM SA	CG	3	16672584	16672643	10	-0.155	0.182	8.2E-03	AT3G45450	nd	nd
1 mM SA	CG	3	16764801	16764884	8	-0.160	0.121	6.4E-03	AT3G45670	nd	nd
1 mM SA	CG	3	16811074	16811112	6	-0.158	0.069	4.8E-03	AT3G45770	-0.8	9.4E-02
1 mM SA	CG	3	16906558	16906582	6	-0.141	0.049	5.1E-03	AT3G46000	0.5	2.1E-01
1 mM SA	CG	3	16957899	16957933	4	-0.167	0.064	7.9E-03	AT3G46180	-0.1	1.0E+00
1 mM SA	CG	3	17178559	17178579	6	-0.266	0.130	4.4E-03	AT3G46620	0.0	6.6E-01
1 mM SA	CG	3	17206068	17206078	4	-0.188	0.104	2.3E-03	AT3G46710	nd	nd
1 mM SA	CG	3	17272646	17272671	4	-0.188	0.029	9.4E-03	AT3G46904	nd	nd
1 mM SA	CG	3	17302236	17302243	4	-0.169	0.109	8.8E-03	AT3G46970	4.3	1.3E-58
1 mM SA	CG	3	17325423	17325432	4	-0.292	0.071	1.6E-03	AT3G47040	-Inf	4.2E-16
1 mM SA	CG	3	17432269	17432307	6	-0.130	0.101	7.3E-03	AT3G47300	-0.1	1.0E+00
1 mM SA	CG	3	17495660	17495666	4	-0.312	0.103	9.5E-04	AT3G47470	1.8	8.2E-04
1 mM SA	CG	3	17520569	17520609	10	-0.178	0.113	7.0E-03	AT3G47540	-1.2	3.1E-03
1 mM SA	CG	3	17773968	17773992	6	-0.138	0.097	9.8E-03	AT3G48120	-1.2	3.8E-03
1 mM SA	CG	3	18087643	18087651	4	-0.198	0.068	2.0E-03	AT3G48770	1.3	1.8E-01
1 mM SA	CG	3	18216629	18216684	12	-0.133	0.091	8.4E-04	AT3G49140	0.6	2.2E-01
1 mM SA	CG	3	18291733	18291755	4	-0.198	0.136	3.2E-03	AT3G49330	1.1	2.3E-01
1 mM SA	CG	3	18352294	18352319	4	-0.126	0.084	7.9E-03	AT3G49500	-0.3	6.2E-01
1 mM SA	CG	3	18730026	18730124	12	-0.272	0.077	9.4E-03	AT3G50470	-1.0	9.2E-02
1 mM SA	CG	3	18733963	18734109	8	-0.314	0.093	8.4E-04	AT3G50480	-2.6	3.3E-06
1 mM SA	CG	3	18791715	18791719	4	-0.121	0.085	9.6E-03	AT3G50620	1.3	1.8E-03
1 mM SA	CG	3	19134665	19134684	4	-0.135	0.082	5.0E-03	AT3G51580	-0.9	3.2E-02
1 mM SA	CG	3	19307480	19307502	6	-0.094	0.073	2.1E-03	AT3G52050	1.1	1.8E-03
1 mM SA	CG	3	19348084	19348241	6	-0.194	0.069	8.6E-03	AT3G52170	2.4	2.1E-14
1 mM SA	CG	3	20062233	20062267	4	-0.098	0.087	9.9E-03	AT3G54190	0.1	7.7E-01
1 mM SA	CG	3	20543340	20543392	6	-0.143	0.145	5.7E-03	AT3G55410	0.4	4.1E-01
1 mM SA	CG	3	20549956	20550037	4	-0.190	0.096	8.2E-03	AT3G55430	-0.8	1.2E-01
1 mM SA	CG	3	21083815	21083824	6	-0.133	0.103	5.1E-03	AT3G56960	-1.2	8.7E-03
1 mM SA	CG	3	21130102	21130118	4	-0.192	0.134	5.1E-03	AT3G57090	-1.3	2.9E-03
1 mM SA	CG	3	21432320	21432344	4	-0.145	0.146	9.7E-03	AT3G57880	-1.3	4.4E-03
1 mM SA	CG	3	22053034	22053042	4	-0.234	0.125	4.5E-03	AT3G59700	-1.7	2.1E-03
1 mM SA	CG	3	22180687	22180733	4	-0.154	0.084	7.2E-03	AT3G60050	0.5	4.9E-01
1 mM SA	CG	3	22242941	22242961	6	-0.247	0.087	4.9E-03	AT3G60180	-0.9	1.1E-01
1 mM SA	CG	3	22533609	22533688	4	-0.138	0.082	4.6E-03	AT3G60960	-0.1	8.2E-01
1 mM SA	CG	3	22975072	22975079	4	-0.173	0.106	3.4E-03	AT3G62030	2.0	2.5E-11
1 mM SA	CG	3	23409169	23409194	4	-0.252	0.011	7.0E-03	AT3G63380	-4.6	1.3E-32
1 mM SA	CG	3	23409445	23409512	4	-0.389	0.233	5.9E-03	AT3G63380	-4.6	1.3E-32
1 mM SA	CG	3	23409867	23409871	4	-0.454	0.115	8.3E-04	AT3G63380	-4.6	1.3E-32
1 mM SA	CG	3	23424535	23424542	4	0.214	0.193	2.8E-03	AT3G63440	3.0	4.2E-16
1 mM SA	CG	4	51116	51181	8	-0.107	0.118	9.9E-04	AT4G00140	-Inf	1.0E+00
1 mM SA	CG	4	70937	70943	4	-0.248	0.106	1.4E-03	AT4G00170	-0.7	1.1E-01
1 mM SA	CG	4	170003	170010	4	-0.249	0.135	8.6E-03	AT4G00380	1.5	2.3E-02

1 mM SA	CG	4	287333	287336	4	-0.244	0.153	9.2E-03	AT4G00700	-5.5	2.4E-42
1 mM SA	CG	4	331426	331494	8	-0.196	0.074	5.1E-03	AT4G00770	2.1	4.1E-01
1 mM SA	CG	4	354835	354883	4	-0.196	0.203	1.5E-03	AT4G00830	-0.8	4.0E-02
1 mM SA	CG	4	617069	617097	4	-0.208	0.070	7.2E-03	AT4G01460	2.5	7.7E-17
1 mM SA	CG	4	653437	653480	4	-0.161	0.129	8.2E-03	AT4G01516	nd	nd
1 mM SA	CG	4	662268	662277	4	-0.205	0.084	4.9E-03	AT4G01520	nd	nd
1 mM SA	CG	4	1051556	1051570	4	-0.207	0.107	9.8E-03	AT4G02390	1.1	2.5E-02
1 mM SA	CG	4	1110731	1110741	4	-0.368	0.108	1.3E-03	AT4G02520	-2.3	7.2E-06
1 mM SA	CG	4	1222180	1222197	4	-0.178	0.101	6.9E-03	AT4G02750	0.3	8.1E-01
1 mM SA	CG	4	1366932	1366967	8	-0.256	0.093	8.9E-03	AT4G03090	0.1	9.1E-01
1 mM SA	CG	4	1380078	1380161	10	-0.266	0.107	4.3E-03	AT4G03110	-0.6	2.6E-01
1 mM SA	CG	4	1405570	1405574	4	-0.174	0.114	9.7E-03	AT4G03190	1.1	3.8E-03
1 mM SA	CG	4	1586398	1586447	6	-0.132	0.102	7.5E-03	AT4G03565	0.3	1.0E+00
1 mM SA	CG	4	1593108	1593121	4	-0.182	0.051	4.3E-03	AT4G03570	nd	nd
1 mM SA	CG	4	1783011	1783157	6	-0.218	0.107	5.7E-03	AT4G03827	nd	nd
1 mM SA	CG	4	1789494	1789516	4	-0.143	0.076	6.2E-03	AT4G03830	nd	nd
1 mM SA	CG	4	1790264	1790298	8	-0.109	0.086	5.0E-03	AT4G03830	nd	nd
1 mM SA	CG	4	1883016	1883071	6	-0.173	0.157	6.5E-03	AT4G03950	-Inf	4.6E-02
1 mM SA	CG	4	1973240	1973331	10	-0.099	0.071	8.2E-03	AT4G04110	-Inf	4.4E-01
1 mM SA	CG	4	2220164	2220170	4	-0.269	0.072	1.4E-03	AT4G04450	1.3	1.1E-01
1 mM SA	CG	4	2222940	2222953	4	-0.245	0.234	5.3E-03	AT4G04460	0.2	7.5E-01
1 mM SA	CG	4	2226735	2226751	4	-0.184	0.126	7.3E-03	AT4G04460	0.2	7.5E-01
1 mM SA	CG	4	2233657	2233695	12	-0.245	0.119	3.0E-03	AT4G04490	-3.5	4.7E-19
1 mM SA	CG	4	2233710	2233830	6	-0.330	0.083	9.6E-04	AT4G04490	-3.5	4.7E-19
1 mM SA	CG	4	2258559	2258624	6	-0.204	0.108	5.9E-03	AT4G04540	-3.0	3.9E-06
1 mM SA	CG	4	2260024	2260043	6	-0.264	0.057	4.4E-03	AT4G04540	-3.0	3.9E-06
1 mM SA	CG	4	2311703	2311779	12	-0.118	0.086	2.3E-03	AT4G04601	Inf	2.7E-01
1 mM SA	CG	4	2313247	2313291	4	-0.195	0.099	3.5E-03	AT4G04601	Inf	2.7E-01
1 mM SA	CG	4	2354281	2354360	4	-0.140	0.113	5.4E-03	AT4G04650	nd	nd
1 mM SA	CG	4	2532032	2532160	14	-0.113	0.094	2.6E-03	AT4G04960	-2.5	5.8E-09
1 mM SA	CG	4	2605015	2605019	4	-0.134	0.082	5.2E-03	AT4G05080	nd	nd
1 mM SA	CG	4	2730840	2730860	6	-0.215	0.200	7.3E-03	AT4G05360	nd	nd
1 mM SA	CG	4	2731350	2731403	4	-0.199	0.097	4.1E-03	AT4G05360	nd	nd
1 mM SA	CG	4	2735402	2735428	12	-0.097	0.074	7.9E-03	AT4G05370	nd	nd
1 mM SA	CG	4	2983543	2983623	8	-0.100	0.056	4.3E-03	AT4G05620	nd	nd
1 mM SA	CG	4	2999289	2999336	6	-0.192	0.064	7.0E-03	AT4G05632	nd	nd
1 mM SA	CG	4	3003868	3003897	4	-0.160	0.070	3.0E-03	AT4G05632	nd	nd
1 mM SA	CG	4	3065809	3065852	4	-0.119	0.075	4.6E-03	AT4G06479	nd	nd
1 mM SA	CG	4	3120981	3121133	10	-0.120	0.082	5.7E-03	AT4G06490	nd	nd
1 mM SA	CG	4	3363615	3363793	6	-0.156	0.104	2.5E-03	AT4G06536	2.3	4.2E-06
1 mM SA	CG	4	3364219	3364280	6	-0.157	0.095	8.0E-03	AT4G06536	2.3	4.2E-06
1 mM SA	CG	4	3523383	3523412	4	0.158	0.100	5.9E-03	AT4G06639	nd	nd
1 mM SA	CG	4	3528313	3528336	4	-0.181	0.155	8.5E-03	AT4G06639	nd	nd
1 mM SA	CG	4	3666501	3666512	4	0.273	0.109	4.2E-03	AT4G06599	-0.6	2.0E-01
1 mM SA	CG	4	3923176	3923234	12	-0.097	0.080	5.4E-03	AT4G06688	nd	nd
1 mM SA	CG	4	4040973	4041023	6	-0.125	0.112	4.5E-03	AT4G06740	nd	nd
1 mM SA	CG	4	4079223	4079354	8	-0.124	0.074	9.7E-03	AT4G06746	1.3	1.3E-03
1 mM SA	CG	4	4350774	4350831	6	-0.110	0.105	9.4E-03	AT4G07524	nd	nd
1 mM SA	CG	4	4363046	4363063	6	-0.129	0.092	5.7E-03	AT4G07526	nd	nd

1 mM SA	CG	4	4469092	4469109	4	-0.202	0.175	7.9E-03	AT4G07675	nd	nd
1 mM SA	CG	4	4691976	4692046	8	-0.115	0.078	4.0E-03	AT4G07868	nd	nd
1 mM SA	CG	4	4728192	4728244	10	-0.105	0.079	3.8E-03	AT4G07932	nd	nd
1 mM SA	CG	4	4735867	4735988	8	-0.103	0.086	8.9E-03	AT4G07932	nd	nd
1 mM SA	CG	4	4833543	4833568	6	-0.200	0.052	2.3E-03	AT4G07990	-0.7	7.1E-02
1 mM SA	CG	4	4845186	4845206	4	-0.138	0.097	6.4E-03	AT4G08025	nd	nd
1 mM SA	CG	4	4954049	4954121	8	-0.141	0.064	3.4E-03	AT4G08073	nd	nd
1 mM SA	CG	4	5130835	5130896	4	-0.198	0.084	6.9E-03	AT4G08140	nd	nd
1 mM SA	CG	4	5175989	5176099	6	-0.225	0.175	6.6E-03	AT4G08190	nd	nd
1 mM SA	CG	4	5209878	5209905	6	-0.108	0.074	4.2E-03	AT4G08263	nd	nd
1 mM SA	CG	4	5215111	5215131	4	-0.203	0.080	9.1E-03	AT4G08267	nd	nd
1 mM SA	CG	4	5247972	5247987	4	-0.204	0.201	2.3E-03	AT4G08300	-1.5	3.2E-03
1 mM SA	CG	4	5289669	5289735	4	-0.138	0.105	9.1E-03	AT4G08350	-0.1	8.0E-01
1 mM SA	CG	4	5366149	5366248	10	-0.114	0.086	6.3E-03	AT4G08450	-Inf	7.1E-04
1 mM SA	CG	4	5386441	5386455	4	-0.295	0.115	4.0E-04	AT4G08470	-1.6	3.4E-04
1 mM SA	CG	4	5408378	5408537	8	-0.122	0.106	9.0E-03	AT4G08500	-0.8	7.7E-02
1 mM SA	CG	4	5470861	5470874	4	-0.188	0.117	7.0E-03	AT4G08593	Inf	5.3E-01
1 mM SA	CG	4	5499238	5499254	4	-0.194	0.159	7.0E-03	AT4G08620	nd	nd
1 mM SA	CG	4	5533806	5533911	8	-0.158	0.099	1.6E-03	AT4G08670	nd	nd
1 mM SA	CG	4	5545548	5545564	4	-0.137	0.089	6.2E-03	AT4G08685	2.8	6.5E-22
1 mM SA	CG	4	5558604	5558649	6	-0.129	0.131	8.8E-03	AT4G08691	-Inf	1.0E+00
1 mM SA	CG	4	5560662	5560788	6	-0.176	0.147	9.3E-03	AT4G08691	-Inf	1.0E+00
1 mM SA	CG	4	5569419	5569441	4	-0.119	0.110	8.3E-03	AT4G08700	0.4	3.2E-01
1 mM SA	CG	4	5569877	5569919	6	-0.150	0.067	4.4E-03	AT4G08700	0.4	3.2E-01
1 mM SA	CG	4	5639310	5639340	4	-0.338	0.177	3.7E-03	AT4G08850	-0.9	8.6E-02
1 mM SA	CG	4	5646799	5646805	4	-0.303	0.098	4.1E-03	AT4G08870	1.9	3.8E-09
1 mM SA	CG	4	5696314	5696328	4	-0.200	0.058	9.3E-03	AT4G08895	nd	nd
1 mM SA	CG	4	5717125	5717157	4	0.208	0.065	8.8E-03	AT4G08910	5.8	4.3E-07
1 mM SA	CG	4	5735344	5735398	4	0.194	0.120	7.0E-03	AT4G08940	0.8	1.3E-01
1 mM SA	CG	4	6060634	6060732	4	-0.229	0.098	9.1E-03	AT4G09587	nd	nd
1 mM SA	CG	4	6331678	6331684	4	-0.166	0.128	8.8E-03	AT4G10150	2.3	9.6E-04
1 mM SA	CG	4	6338064	6338126	6	-0.193	0.069	6.7E-03	AT4G10160	4.2	2.6E-05
1 mM SA	CG	4	6359831	6359839	4	-0.166	0.059	1.3E-03	AT4G10210	nd	nd
1 mM SA	CG	4	6437542	6437639	8	-0.249	0.178	6.9E-03	AT4G10380	-0.4	9.4E-01
1 mM SA	CG	4	6482731	6482817	6	-0.227	0.068	9.4E-03	AT4G10490	nd	nd
1 mM SA	CG	4	6551823	6551913	4	0.294	0.060	4.2E-03	AT4G10603	nd	nd
1 mM SA	CG	4	6563213	6563298	8	-0.133	0.109	8.6E-03	AT4G10620	0.5	3.8E-01
1 mM SA	CG	4	6594351	6594399	6	-0.138	0.079	7.9E-03	AT4G10695	-1.3	4.8E-01
1 mM SA	CG	4	6670524	6670566	6	-0.114	0.072	3.4E-03	AT4G10850	nd	nd
1 mM SA	CG	4	6684568	6684577	4	-0.130	0.131	4.9E-03	AT4G10870	-Inf	1.0E+00
1 mM SA	CG	4	6759242	6759268	8	-0.223	0.110	6.3E-04	AT4G11070	-6.0	9.3E-23
1 mM SA	CG	4	6759396	6759520	10	-0.311	0.091	5.9E-04	AT4G11070	-6.0	9.3E-23
1 mM SA	CG	4	6759531	6759625	14	-0.231	0.126	6.9E-03	AT4G11070	-6.0	9.3E-23
1 mM SA	CG	4	6812071	6812077	4	-0.285	0.189	6.7E-03	AT4G11170	-5.4	3.8E-24
1 mM SA	CG	4	6812181	6812274	12	-0.144	0.148	8.8E-03	AT4G11170	-5.4	3.8E-24
1 mM SA	CG	4	6842292	6842299	4	-0.204	0.052	9.9E-03	AT4G11230	-0.8	5.9E-01
1 mM SA	CG	4	6846513	6846535	4	-0.152	0.064	8.9E-03	AT4G11240	-0.9	3.0E-02
1 mM SA	CG	4	7050619	7050652	6	-0.149	0.110	9.2E-03	AT4G11670	-1.0	1.9E-02
1 mM SA	CG	4	7089569	7089723	10	-0.279	0.113	1.6E-03	AT4G11790	0.4	4.0E-01

1 mM SA	CG	4	7089747	7089823	16	-0.299	0.145	8.8E-04	AT4G11790	0.4	4.0E-01
1 mM SA	CG	4	7285949	7285959	4	-0.197	0.103	5.8E-03	AT4G12230	-0.6	2.1E-01
1 mM SA	CG	4	7350997	7351059	6	0.176	0.085	4.4E-03	AT4G12420	1.2	3.5E-04
1 mM SA	CG	4	7364246	7364278	6	-0.180	0.072	6.6E-03	AT4G12430	2.1	1.1E-06
1 mM SA	CG	4	7481644	7481671	6	-0.216	0.121	5.1E-03	AT4G12690	1.2	4.1E-03
1 mM SA	CG	4	7525824	7525860	6	-0.168	0.043	2.4E-03	AT4G12810	nd	nd
1 mM SA	CG	4	7798035	7798092	6	-0.209	0.068	3.3E-03	AT4G13420	Inf	2.7E-01
1 mM SA	CG	4	8010066	8010170	10	-0.318	0.110	7.7E-04	AT4G13820	-3.1	6.9E-09
1 mM SA	CG	4	8010175	8010187	4	-0.388	0.065	2.8E-03	AT4G13820	-3.1	6.9E-09
1 mM SA	CG	4	8033271	8033274	4	-0.229	0.084	4.2E-03	AT4G13890	-4.9	7.3E-19
1 mM SA	CG	4	8033624	8033648	4	-0.322	0.200	7.1E-03	AT4G13890	-4.9	7.3E-19
1 mM SA	CG	4	8040218	8040342	8	-0.238	0.157	5.9E-03	AT4G13920	-3.3	2.4E-11
1 mM SA	CG	4	8044894	8044904	4	-0.405	0.137	1.3E-03	AT4G13920	-3.3	2.4E-11
1 mM SA	CG	4	8292607	8292648	6	-0.356	0.095	3.4E-03	AT4G14400	-1.2	2.0E-02
1 mM SA	CG	4	8563152	8563157	4	-0.216	0.066	3.4E-03	AT4G14980	nd	nd
1 mM SA	CG	4	8623001	8623041	4	-0.207	0.099	4.2E-03	AT4G15096	nd	nd
1 mM SA	CG	4	8664345	8664396	6	-0.134	0.127	4.6E-03	AT4G15200	1.4	2.4E-01
1 mM SA	CG	4	9018569	9018601	6	-0.120	0.102	8.1E-03	AT4G15890	1.5	3.4E-02
1 mM SA	CG	4	9022597	9022650	6	-0.218	0.111	3.2E-03	AT4G15890	1.5	3.4E-02
1 mM SA	CG	4	9072884	9072920	6	-0.195	0.075	4.9E-03	AT4G16015	nd	nd
1 mM SA	CG	4	9508510	9508565	4	-0.151	0.090	9.2E-03	AT4G16890	0.0	9.8E-01
1 mM SA	CG	4	9547554	9547558	4	0.243	0.011	4.4E-03	AT4G16960	-1.7	1.1E-03
1 mM SA	CG	4	9737434	9737453	4	-0.161	0.066	9.7E-03	AT4G17453	nd	nd
1 mM SA	CG	4	9800708	9800754	4	-0.243	0.133	3.1E-03	AT4G17590	nd	nd
1 mM SA	CG	4	9860530	9860551	4	0.187	0.109	7.5E-03	AT4G17713	nd	nd
1 mM SA	CG	4	9902375	9902459	4	0.222	0.128	5.1E-03	AT4G17810	2.6	1.8E-22
1 mM SA	CG	4	9927967	9927977	4	-0.179	0.099	1.7E-03	AT4G17870	0.0	9.9E-01
1 mM SA	CG	4	10052362	10052397	4	-0.113	0.107	9.7E-03	AT4G18150	0.4	7.5E-01
1 mM SA	CG	4	10153470	10153483	4	-0.118	0.101	7.1E-03	AT4G18375	1.1	1.7E-02
1 mM SA	CG	4	10195415	10195445	4	-0.154	0.107	9.1E-03	AT4G18470	0.0	9.9E-01
1 mM SA	CG	4	10466815	10466836	4	-0.298	0.185	6.3E-03	AT4G19130	1.9	5.6E-02
1 mM SA	CG	4	10792824	10792860	6	-0.110	0.088	7.9E-03	AT4G19900	0.2	8.0E-01
1 mM SA	CG	4	10897938	10897963	4	-0.246	0.051	4.7E-03	AT4G20170	0.2	8.3E-01
1 mM SA	CG	4	11040406	11040424	4	-0.209	0.077	1.0E-03	AT4G20480	-0.1	9.4E-01
1 mM SA	CG	4	11230881	11230924	6	-0.118	0.075	6.2E-03	AT4G21030	nd	nd
1 mM SA	CG	4	11514152	11514171	4	-0.163	0.135	6.6E-03	AT4G21670	-0.3	5.3E-01
1 mM SA	CG	4	11895184	11895194	4	-0.191	0.062	8.9E-03	AT4G22590	-0.5	3.2E-01
1 mM SA	CG	4	12089797	12089808	4	0.166	0.113	9.3E-03	AT4G23060	1.5	4.7E-05
1 mM SA	CG	4	12105682	12105686	4	-0.220	0.151	3.0E-03	AT4G23100	-0.7	1.2E-01
1 mM SA	CG	4	12119556	12119590	8	-0.281	0.096	4.0E-03	AT4G23130	-0.1	1.0E+00
1 mM SA	CG	4	12128061	12128076	4	-0.315	0.127	5.3E-03	AT4G23150	-4.0	1.5E-25
1 mM SA	CG	4	12152768	12152809	4	-0.243	0.017	8.8E-03	AT4G23210	-0.8	1.6E-01
1 mM SA	CG	4	12196035	12196043	4	-0.200	0.181	3.8E-03	AT4G23340	1.9	2.9E-01
1 mM SA	CG	4	12240461	12240491	4	-0.120	0.124	5.2E-03	AT4G23440	0.8	6.1E-02
1 mM SA	CG	4	12599454	12599504	4	-0.187	0.086	5.1E-03	AT4G24300	nd	nd
1 mM SA	CG	4	12735944	12736023	6	-0.103	0.072	4.6E-03	AT4G24680	-0.8	3.6E-02
1 mM SA	CG	4	12862642	12862661	4	-0.193	0.080	4.9E-03	AT4G25020	0.4	4.4E-01
1 mM SA	CG	4	13029748	13029785	6	-0.098	0.074	7.2E-03	AT4G25515	-1.0	5.7E-02
1 mM SA	CG	4	13179925	13179943	4	-0.184	0.076	5.1E-03	AT4G25960	1.3	5.9E-05

1 mM SA	CG	4	13327346	13327371	4	-0.135	0.086	6.9E-03	AT4G26350	nd	nd
1 mM SA	CG	4	13418955	13418974	4	-0.171	0.093	8.4E-03	AT4G26600	1.0	2.8E-02
1 mM SA	CG	4	13695693	13695728	6	-0.243	0.054	9.0E-03	AT4G27370	2.4	5.6E-09
1 mM SA	CG	4	13931637	13931692	6	-0.109	0.088	5.9E-03	AT4G28010	0.7	2.0E-01
1 mM SA	CG	4	14286648	14286728	4	-0.151	0.055	4.9E-03	AT4G28980	0.4	3.1E-01
1 mM SA	CG	4	14610345	14610426	4	0.175	0.076	8.6E-03	AT4G29890	-1.0	2.5E-02
1 mM SA	CG	4	14736363	14736399	4	0.155	0.137	7.1E-03	AT4G30130	Inf	2.6E-03
1 mM SA	CG	4	14749340	14749446	6	-0.217	0.108	3.9E-03	AT4G30150	1.0	2.5E-02
1 mM SA	CG	4	14987629	14987693	6	-0.208	0.077	7.2E-03	AT4G30770	nd	nd
1 mM SA	CG	4	15373481	15373587	8	0.111	0.081	4.4E-03	AT4G31780	1.1	2.9E-03
1 mM SA	CG	4	15383967	15384064	4	-0.202	0.047	1.3E-03	AT4G31800	-1.7	3.4E-04
1 mM SA	CG	4	15596167	15596205	4	-0.122	0.094	9.7E-03	AT4G32295	-0.1	9.7E-01
1 mM SA	CG	4	15627982	15627986	4	0.155	0.071	4.2E-03	AT4G32375	nd	nd
1 mM SA	CG	4	15714764	15714776	4	0.155	0.049	1.3E-03	AT4G32560	0.1	8.8E-01
1 mM SA	CG	4	15860061	15860064	4	-0.224	0.081	8.4E-03	AT4G32870	-4.2	5.2E-28
1 mM SA	CG	4	15945260	15945263	4	-0.309	0.067	1.3E-03	AT4G33050	-1.1	4.2E-02
1 mM SA	CG	4	16052552	16052590	6	-0.279	0.067	1.5E-03	AT4G33300	-1.3	8.9E-03
1 mM SA	CG	4	16447537	16447578	6	-0.230	0.160	5.1E-03	AT4G34400	-1.8	2.3E-02
1 mM SA	CG	4	16946124	16946158	6	-0.170	0.039	9.5E-03	AT4G35770	-1.4	3.5E-02
1 mM SA	CG	4	17789358	17789447	6	-0.244	0.153	3.4E-03	AT4G37830	-1.3	3.5E-03
1 mM SA	CG	4	17870290	17870298	4	-0.268	0.062	2.2E-03	AT4G38050	2.4	2.7E-06
1 mM SA	CG	4	18026406	18026552	6	-0.200	0.055	8.7E-04	AT4G38550	0.2	5.9E-01
1 mM SA	CG	4	18030508	18030578	8	-0.127	0.113	7.3E-03	AT4G38560	-2.3	4.5E-07
1 mM SA	CG	4	18225805	18225840	6	-0.134	0.143	5.5E-03	AT4G39120	1.1	1.3E-02
1 mM SA	CG	5	215367	215399	6	-0.197	0.158	2.1E-03	AT5G01550	-4.6	1.1E-23
1 mM SA	CG	5	276762	276775	4	-0.264	0.078	9.0E-03	AT5G01730	1.5	7.5E-05
1 mM SA	CG	5	394237	394283	10	-0.124	0.111	4.5E-03	AT5G02030	0.0	9.3E-01
1 mM SA	CG	5	548835	548913	8	-0.108	0.066	8.1E-03	AT5G02480	-0.7	1.4E-01
1 mM SA	CG	5	656043	656126	4	-0.184	0.054	5.0E-03	AT5G02860	1.7	1.3E-06
1 mM SA	CG	5	1126689	1126834	6	-0.111	0.069	7.2E-03	AT5G04130	1.7	8.2E-08
1 mM SA	CG	5	1180972	1181011	4	-0.203	0.077	4.2E-03	AT5G04260	-0.9	5.5E-02
1 mM SA	CG	5	1385946	1385993	6	-0.153	0.068	5.2E-03	AT5G04780	-0.3	7.5E-01
1 mM SA	CG	5	1823351	1823427	6	-0.138	0.110	1.6E-03	AT5G06050	1.3	9.1E-04
1 mM SA	CG	5	2344728	2344825	4	-0.201	0.096	4.5E-03	AT5G07400	1.5	4.1E-02
1 mM SA	CG	5	2346339	2346387	4	-0.264	0.074	9.7E-03	AT5G07410	-Inf	1.0E+00
1 mM SA	CG	5	2574475	2574489	4	0.316	0.072	9.9E-04	AT5G08020	0.6	4.1E-01
1 mM SA	CG	5	2882943	2882947	4	-0.251	0.166	7.6E-03	AT5G09290	-6.5	1.6E-30
1 mM SA	CG	5	3070294	3070301	4	0.129	0.108	8.8E-03	AT5G09860	0.7	8.7E-02
1 mM SA	CG	5	3760534	3760623	4	-0.132	0.140	9.9E-03	AT5G11680	-0.8	6.5E-02
1 mM SA	CG	5	3827938	3827959	6	-0.140	0.076	6.9E-03	AT5G11880	2.5	6.0E-20
1 mM SA	CG	5	4264583	4264640	8	-0.135	0.085	6.4E-03	AT5G13310	-0.6	2.0E-01
1 mM SA	CG	5	4411177	4411183	4	-0.378	0.108	9.6E-04	AT5G13680	-0.3	4.5E-01
1 mM SA	CG	5	4602246	4602299	6	-0.164	0.092	4.9E-03	AT5G14260	0.8	2.8E-02
1 mM SA	CG	5	4713048	4713127	8	-0.199	0.087	4.6E-03	AT5G14610	2.8	2.0E-17
1 mM SA	CG	5	4927157	4927202	4	-0.166	0.078	4.3E-03	AT5G15170	0.7	7.2E-02
1 mM SA	CG	5	5084568	5084573	4	-0.208	0.068	8.8E-03	AT5G15630	0.7	3.2E-01
1 mM SA	CG	5	5145110	5145161	4	-0.216	0.064	6.7E-03	AT5G15780	2.3	2.2E-08
1 mM SA	CG	5	5320646	5320705	4	-0.151	0.124	5.8E-04	AT5G16270	0.0	9.9E-01
1 mM SA	CG	5	5492493	5492590	4	-0.220	0.160	7.1E-03	AT5G16715	1.1	1.7E-03

1 mM SA	CG	5	5641517	5641522	4	-0.252	0.060	2.0E-03	AT5G17160	1.1	1.2E-01
1 mM SA	CG	5	5870789	5870793	4	-0.153	0.125	5.8E-03	AT5G17790	0.7	1.3E-01
1 mM SA	CG	5	5903197	5903219	6	-0.149	0.068	6.9E-03	AT5G17860	-2.7	2.4E-08
1 mM SA	CG	5	6172717	6172724	4	-0.139	0.076	1.6E-03	AT5G18570	2.0	7.8E-11
1 mM SA	CG	5	6245608	6245634	6	-0.153	0.107	3.8E-03	AT5G18720	Inf	5.3E-01
1 mM SA	CG	5	6284707	6284757	6	-0.129	0.115	7.0E-03	AT5G18840	1.5	5.3E-02
1 mM SA	CG	5	6434245	6434331	6	-0.104	0.094	7.2E-03	AT5G19160	1.3	1.5E-02
1 mM SA	CG	5	6469371	6469436	12	-0.286	0.105	5.0E-04	AT5G19240	-0.4	5.9E-01
1 mM SA	CG	5	6619471	6619485	6	-0.152	0.079	2.0E-03	AT5G19610	nd	nd
1 mM SA	CG	5	6701885	6701940	4	-0.123	0.125	9.6E-03	AT5G19820	0.0	1.0E+00
1 mM SA	CG	5	6774873	6774880	4	-0.246	0.180	4.8E-03	AT5G20050	0.0	9.9E-01
1 mM SA	CG	5	6774931	6774955	4	-0.241	0.137	4.3E-03	AT5G20050	0.0	9.9E-01
1 mM SA	CG	5	7478579	7478626	4	-0.259	0.134	5.1E-03	AT5G22520	-1.5	1.0E-02
1 mM SA	CG	5	7492827	7492845	6	-0.361	0.102	1.6E-03	AT5G22560	-6.1	2.5E-05
1 mM SA	CG	5	7512683	7512705	4	-0.131	0.105	9.1E-03	AT5G22608	nd	nd
1 mM SA	CG	5	7700652	7700664	4	-0.258	0.041	1.0E-03	AT5G23010	0.0	9.4E-01
1 mM SA	CG	5	7866888	7866928	4	-0.164	0.085	8.1E-03	AT5G23380	-1.9	4.8E-05
1 mM SA	CG	5	8002286	8002312	4	-0.183	0.080	1.7E-03	AT5G23720	0.2	6.6E-01
1 mM SA	CG	5	8218853	8218885	6	-0.279	0.097	2.8E-03	AT5G24210	-2.7	7.0E-09
1 mM SA	CG	5	8290336	8290393	4	-0.185	0.031	2.2E-03	AT5G24320	-0.5	2.7E-01
1 mM SA	CG	5	8321957	8321970	4	0.129	0.117	7.2E-03	AT5G24370	nd	nd
1 mM SA	CG	5	8374476	8374505	4	-0.243	0.082	2.5E-03	AT5G24520	0.3	4.3E-01
1 mM SA	CG	5	8506247	8506296	4	-0.159	0.091	8.5E-03	AT5G24780	3.8	2.6E-34
1 mM SA	CG	5	9023422	9023428	4	-0.156	0.103	7.2E-03	AT5G25880	Inf	5.3E-01
1 mM SA	CG	5	9101990	9101997	4	-0.162	0.108	4.7E-03	AT5G26040	0.3	4.6E-01
1 mM SA	CG	5	9147611	9147633	4	-0.478	0.117	2.3E-03	AT5G26170	-4.3	5.7E-19
1 mM SA	CG	5	9147790	9147827	6	-0.496	0.126	9.6E-04	AT5G26170	-4.3	5.7E-19
1 mM SA	CG	5	9187546	9187642	4	-0.202	0.109	1.6E-03	AT5G26240	-0.7	1.1E-01
1 mM SA	CG	5	9375744	9375753	4	-0.222	0.146	8.8E-03	AT5G26610	-0.7	7.7E-02
1 mM SA	CG	5	9382034	9382081	4	-0.198	0.046	2.1E-03	AT5G26600	-1.0	1.9E-02
1 mM SA	CG	5	9443282	9443294	4	-0.151	0.082	7.6E-03	AT5G26840	nd	nd
1 mM SA	CG	5	9444442	9444480	4	-0.172	0.052	8.8E-03	AT5G26848	nd	nd
1 mM SA	CG	5	9581101	9581112	4	-0.174	0.140	4.9E-03	AT5G27220	1.0	1.8E-01
1 mM SA	CG	5	9602568	9602630	8	-0.134	0.080	1.0E-03	AT5G27247	nd	nd
1 mM SA	CG	5	9616085	9616096	4	-0.268	0.065	9.2E-03	AT5G27280	0.4	2.2E-01
1 mM SA	CG	5	9689430	9689438	4	0.165	0.068	5.8E-03	AT5G27440	0.5	5.7E-01
1 mM SA	CG	5	9735008	9735037	4	-0.284	0.093	7.3E-03	AT5G27570	nd	nd
1 mM SA	CG	5	9755581	9755604	6	-0.160	0.105	7.6E-03	AT5G27606	nd	nd
1 mM SA	CG	5	9796945	9796981	4	-0.151	0.136	4.1E-03	AT5G27680	2.2	2.5E-05
1 mM SA	CG	5	9980174	9980194	4	-0.191	0.090	7.9E-03	AT5G27944	nd	nd
1 mM SA	CG	5	9983881	9983916	6	-0.106	0.075	7.9E-03	AT5G27950	-1.4	2.9E-03
1 mM SA	CG	5	10038187	10038202	6	-0.196	0.092	9.7E-03	AT5G28040	-0.6	2.2E-01
1 mM SA	CG	5	10103450	10103485	6	-0.169	0.099	5.8E-03	AT5G28090	nd	nd
1 mM SA	CG	5	10134946	10135010	8	-0.150	0.081	8.6E-03	AT5G28150	0.3	5.0E-01
1 mM SA	CG	5	10335502	10335583	6	-0.199	0.134	4.3E-03	AT5G28370	nd	nd
1 mM SA	CG	5	10358272	10358309	4	-0.165	0.064	8.5E-04	AT5G28410	nd	nd
1 mM SA	CG	5	10393954	10394071	6	-0.166	0.079	6.1E-03	AT5G28465	nd	nd
1 mM SA	CG	5	10457899	10457968	8	-0.234	0.074	3.1E-03	AT5G28491	nd	nd
1 mM SA	CG	5	10489581	10489616	6	-0.256	0.096	1.0E-03	AT5G28520	nd	nd

1 mM SA	CG	5	10489757	10489764	4	-0.226	0.076	6.9E-03	AT5G28520	nd	nd
1 mM SA	CG	5	10654144	10654226	6	-0.173	0.134	9.7E-03	AT5G28642	nd	nd
1 mM SA	CG	5	10655759	10655840	8	-0.112	0.095	3.4E-03	AT5G28642	nd	nd
1 mM SA	CG	5	10832973	10833068	8	-0.118	0.115	7.5E-03	AT5G28821	nd	nd
1 mM SA	CG	5	10893037	10893056	4	-0.215	0.067	6.3E-03	AT5G28885	nd	nd
1 mM SA	CG	5	10966649	10966706	4	-0.160	0.107	7.3E-03	AT5G28931	nd	nd
1 mM SA	CG	5	11159677	11159728	8	-0.100	0.072	2.3E-03	AT5G29231	nd	nd
1 mM SA	CG	5	11195999	11196073	4	-0.155	0.152	8.7E-03	AT5G29560	Inf	5.3E-01
1 mM SA	CG	5	11302925	11303005	8	-0.098	0.066	7.5E-03	AT5G29807	nd	nd
1 mM SA	CG	5	11544392	11544421	4	-0.178	0.047	6.6E-04	AT5G31412	nd	nd
1 mM SA	CG	5	11624388	11624461	4	-0.118	0.090	7.4E-03	AT5G30510	1.3	1.1E-03
1 mM SA	CG	5	12224004	12224030	4	-0.188	0.096	2.2E-03	AT5G32590	nd	nd
1 mM SA	CG	5	12232496	12232540	4	-0.207	0.058	7.0E-03	AT5G32597	nd	nd
1 mM SA	CG	5	12238902	12238998	4	-0.162	0.099	9.9E-03	AT5G32597	nd	nd
1 mM SA	CG	5	12261238	12261275	4	-0.131	0.119	5.1E-03	AT5G32613	nd	nd
1 mM SA	CG	5	12597376	12597386	4	-0.199	0.072	8.2E-03	AT5G33355	nd	nd
1 mM SA	CG	5	12607874	12607887	4	-0.188	0.051	7.5E-03	AT5G33370	nd	nd
1 mM SA	CG	5	12657407	12657527	8	-0.160	0.095	8.3E-03	AT5G33393	nd	nd
1 mM SA	CG	5	12658052	12658150	4	-0.190	0.127	6.5E-03	AT5G33393	nd	nd
1 mM SA	CG	5	12709659	12709694	4	-0.235	0.096	4.7E-03	AT5G33421	nd	nd
1 mM SA	CG	5	12784853	12784909	12	-0.126	0.064	7.4E-03	AT5G33806	nd	nd
1 mM SA	CG	5	12924848	12924864	4	-0.148	0.075	3.5E-03	AT5G34581	nd	nd
1 mM SA	CG	5	12982711	12982774	12	-0.103	0.066	7.2E-03	AT5G34829	nd	nd
1 mM SA	CG	5	13113802	13113894	10	-0.115	0.089	6.9E-03	AT5G34850	-1.0	2.3E-02
1 mM SA	CG	5	13195097	13195130	6	-0.111	0.102	8.2E-03	AT5G34882	nd	nd
1 mM SA	CG	5	13234269	13234280	4	-0.236	0.131	4.2E-03	AT5G34930	-1.1	2.8E-02
1 mM SA	CG	5	13237183	13237227	6	-0.237	0.157	2.0E-03	AT5G34940	-3.4	7.5E-16
1 mM SA	CG	5	13338749	13338754	4	-0.126	0.076	9.6E-03	AT5G35069	nd	nd
1 mM SA	CG	5	13413325	13413355	4	-0.103	0.092	8.2E-03	AT5G35160	0.7	8.3E-02
1 mM SA	CG	5	13553144	13553166	4	0.206	0.034	5.2E-03	AT5G35338	nd	nd
1 mM SA	CG	5	13587728	13587768	4	-0.176	0.076	8.6E-03	AT5G35360	2.3	1.6E-21
1 mM SA	CG	5	13597785	13597829	4	-0.261	0.081	2.1E-03	AT5G35390	nd	nd
1 mM SA	CG	5	13666380	13666394	4	0.206	0.053	6.2E-03	AT5G35450	0.2	7.2E-01
1 mM SA	CG	5	13693245	13693306	4	-0.109	0.097	9.3E-03	AT5G35490	1.2	1.3E-03
1 mM SA	CG	5	13787644	13787718	10	-0.100	0.090	4.2E-03	AT5G35603	nd	nd
1 mM SA	CG	5	13941601	13941655	4	0.171	0.156	1.8E-03	AT5G35770	nd	nd
1 mM SA	CG	5	13943944	13943976	6	-0.112	0.078	3.0E-03	AT5G35770	nd	nd
1 mM SA	CG	5	14057123	14057173	4	-0.143	0.092	6.9E-03	AT5G35920	nd	nd
1 mM SA	CG	5	14086247	14086273	4	-0.146	0.122	3.4E-03	AT5G35940	nd	nd
1 mM SA	CG	5	14180045	14180074	8	-0.135	0.089	8.8E-03	AT5G36080	nd	nd
1 mM SA	CG	5	14186455	14186496	4	-0.164	0.058	5.1E-03	AT5G36080	nd	nd
1 mM SA	CG	5	14295735	14295793	6	-0.173	0.079	5.7E-03	AT5G36280	Inf	1.3E-01
1 mM SA	CG	5	14321003	14321057	4	-0.144	0.088	5.1E-03	AT5G36300	nd	nd
1 mM SA	CG	5	14362046	14362120	6	-0.164	0.078	4.1E-03	AT5G36480	nd	nd
1 mM SA	CG	5	14542528	14542536	4	-0.180	0.073	8.3E-03	AT5G36890	2.1	3.6E-11
1 mM SA	CG	5	14937144	14937229	8	-0.226	0.144	5.4E-03	AT5G37610	nd	nd
1 mM SA	CG	5	14965820	14965863	4	-0.196	0.028	4.3E-03	AT5G37667	nd	nd
1 mM SA	CG	5	14966312	14966322	4	-0.211	0.028	8.4E-04	AT5G37667	nd	nd
1 mM SA	CG	5	15000767	15000808	4	-0.217	0.128	7.1E-03	AT5G37770	0.4	2.1E-01

1 mM SA	CG	5	15014619	15014636	4	-0.126	0.073	7.7E-03	AT5G37790	1.7	6.3E-05
1 mM SA	CG	5	15140477	15140569	6	-0.251	0.055	1.4E-03	AT5G38000	nd	nd
1 mM SA	CG	5	15162959	15162991	8	-0.165	0.079	3.1E-03	AT5G38010	2.6	1.8E-03
1 mM SA	CG	5	15183721	15183757	8	-0.118	0.115	2.1E-03	AT5G38040	0.1	7.2E-01
1 mM SA	CG	5	15233695	15233732	4	-0.153	0.057	6.8E-04	AT5G38190	nd	nd
1 mM SA	CG	5	15236634	15236642	4	-0.243	0.203	3.0E-03	AT5G38190	nd	nd
1 mM SA	CG	5	15259775	15259890	10	-0.266	0.114	1.6E-03	AT5G38210	-0.8	1.0E-01
1 mM SA	CG	5	15260378	15260396	4	-0.308	0.124	1.9E-03	AT5G38210	-0.8	1.0E-01
1 mM SA	CG	5	15282212	15282218	4	-0.396	0.159	1.2E-03	AT5G38250	-4.3	1.9E-21
1 mM SA	CG	5	15326633	15326744	10	-0.236	0.153	8.9E-03	AT5G38344	-Inf	9.7E-05
1 mM SA	CG	5	15395978	15395995	4	-0.158	0.061	9.0E-03	AT5G38450	nd	nd
1 mM SA	CG	5	15432287	15432333	8	-0.159	0.052	3.1E-03	AT5G38550	nd	nd
1 mM SA	CG	5	15442262	15442271	4	-0.211	0.064	9.3E-03	AT5G38560	-0.2	6.6E-01
1 mM SA	CG	5	15498240	15498245	4	-0.168	0.089	5.6E-03	AT5G38710	-2.4	5.4E-08
1 mM SA	CG	5	15546682	15546769	4	-0.171	0.062	3.2E-03	AT5G38830	-0.3	4.1E-01
1 mM SA	CG	5	15561918	15561949	4	-0.167	0.069	7.2E-04	AT5G38860	-0.2	7.6E-01
1 mM SA	CG	5	15697161	15697171	4	-0.174	0.044	4.3E-03	AT5G39200	nd	nd
1 mM SA	CG	5	15697198	15697223	6	-0.134	0.108	9.8E-03	AT5G39200	nd	nd
1 mM SA	CG	5	15883499	15883518	4	-0.473	0.112	1.2E-03	AT5G39670	-2.7	6.7E-10
1 mM SA	CG	5	15884478	15884573	8	-0.172	0.125	7.3E-03	AT5G39680	-1.1	1.7E-01
1 mM SA	CG	5	15888134	15888190	4	-0.173	0.090	7.0E-03	AT5G39690	nd	nd
1 mM SA	CG	5	15953762	15953828	6	-0.178	0.123	5.5E-03	AT5G39860	4.2	1.3E-85
1 mM SA	CG	5	15964061	15964086	4	-0.198	0.049	5.0E-03	AT5G39865	0.1	6.9E-01
1 mM SA	CG	5	16027944	16027952	4	-0.165	0.093	8.0E-03	AT5G40030	4.0	1.5E-03
1 mM SA	CG	5	16899636	16899755	10	-0.104	0.076	7.3E-03	AT5G42260	-Inf	1.0E+00
1 mM SA	CG	5	17005808	17005819	4	-0.253	0.068	3.6E-03	AT5G42530	-1.2	2.5E-02
1 mM SA	CG	5	17089087	17089165	6	-0.106	0.090	5.1E-03	AT5G42640	nd	nd
1 mM SA	CG	5	17308303	17308344	4	-0.176	0.111	9.8E-04	AT5G43110	nd	nd
1 mM SA	CG	5	17571600	17571637	4	-0.144	0.092	7.2E-03	AT5G43745	2.8	1.0E-31
1 mM SA	CG	5	17615513	17615529	4	-0.220	0.099	1.5E-03	AT5G43810	1.4	8.8E-05
1 mM SA	CG	5	18011982	18012049	8	-0.212	0.152	7.2E-03	AT5G44640	nd	nd
1 mM SA	CG	5	18017010	18017014	4	-0.171	0.089	4.1E-03	AT5G44660	-1.0	3.0E-02
1 mM SA	CG	5	18050006	18050083	4	-0.115	0.096	9.2E-03	AT5G44740	0.3	5.9E-01
1 mM SA	CG	5	18106362	18106444	4	-0.129	0.083	1.5E-03	AT5G44840	nd	nd
1 mM SA	CG	5	18143075	18143116	8	-0.099	0.062	8.1E-03	AT5G44930	-0.1	8.1E-01
1 mM SA	CG	5	18170467	18170484	6	-0.192	0.049	2.2E-03	AT5G45020	0.7	1.2E-01
1 mM SA	CG	5	18230408	18230422	4	-0.221	0.100	3.0E-03	AT5G45110	-1.6	4.9E-04
1 mM SA	CG	5	18283116	18283153	6	-0.144	0.074	3.3E-03	AT5G45190	-0.8	8.1E-02
1 mM SA	CG	5	18464335	18464409	4	0.181	0.086	4.6E-03	AT5G45550	-0.8	8.1E-02
1 mM SA	CG	5	18475712	18475774	10	-0.154	0.076	9.1E-03	AT5G45573	nd	nd
1 mM SA	CG	5	18550403	18550435	6	-0.180	0.165	4.9E-03	AT5G45730	1.5	5.8E-02
1 mM SA	CG	5	18948749	18948827	4	-0.229	0.096	2.6E-03	AT5G46700	3.5	6.3E-12
1 mM SA	CG	5	19140192	19140281	4	-0.303	0.120	8.6E-04	AT5G47130	-0.6	5.6E-01
1 mM SA	CG	5	19175007	19175050	4	0.186	0.074	6.5E-03	AT5G47220	-0.1	1.0E+00
1 mM SA	CG	5	19232163	19232224	4	-0.271	0.138	2.1E-03	AT5G47410	-0.4	7.0E-01
1 mM SA	CG	5	19382280	19382306	4	-0.131	0.093	4.0E-03	AT5G47860	-1.6	4.6E-04
1 mM SA	CG	5	19426379	19426389	4	-0.271	0.096	2.0E-03	AT5G47980	nd	nd
1 mM SA	CG	5	19620733	19620762	6	-0.275	0.133	1.7E-03	AT5G48410	-8.0	3.2E-28
1 mM SA	CG	5	19675598	19675612	4	0.172	0.073	3.4E-03	AT5G48545	-0.2	7.5E-01

1 mM SA	CG	5	19766593	19766605	4	-0.196	0.107	4.2E-03	AT5G48740	1.9	6.6E-03
1 mM SA	CG	5	19815747	19815750	4	0.158	0.104	8.2E-03	AT5G48880	3.7	1.1E-32
1 mM SA	CG	5	19851630	19851681	4	-0.164	0.058	4.3E-03	AT5G48960	0.8	2.8E-02
1 mM SA	CG	5	19891564	19891639	4	-0.215	0.052	4.1E-03	AT5G49070	nd	nd
1 mM SA	CG	5	20064607	20064664	4	0.239	0.081	5.1E-03	AT5G49470	0.0	1.0E+00
1 mM SA	CG	5	20473171	20473286	6	-0.369	0.127	2.2E-03	AT5G50310	0.1	1.0E+00
1 mM SA	CG	5	20473336	20473385	8	-0.416	0.141	3.7E-04	AT5G50310	0.1	1.0E+00
1 mM SA	CG	5	20473492	20473583	4	-0.452	0.044	3.0E-04	AT5G50310	0.1	1.0E+00
1 mM SA	CG	5	20473617	20473692	6	-0.360	0.093	8.6E-04	AT5G50310	0.1	1.0E+00
1 mM SA	CG	5	20960280	20960303	6	0.156	0.145	8.6E-03	AT5G51590	1.0	1.3E-01
1 mM SA	CG	5	21091707	21091726	4	-0.157	0.080	6.9E-03	AT5G51890	1.0	2.1E-02
1 mM SA	CG	5	21113787	21113892	6	0.210	0.206	8.8E-03	AT5G51980	-0.7	1.6E-01
1 mM SA	CG	5	21143231	21143310	4	-0.168	0.113	4.2E-03	AT5G52050	0.9	1.2E-02
1 mM SA	CG	5	21192007	21192040	4	-0.188	0.083	6.6E-03	AT5G52150	nd	nd
1 mM SA	CG	5	21374817	21374907	4	-0.229	0.183	2.5E-03	AT5G52710	Inf	2.7E-01
1 mM SA	CG	5	21483013	21483017	4	0.180	0.104	9.8E-03	AT5G52980	-0.8	1.4E-01
1 mM SA	CG	5	21534226	21534239	4	-0.244	0.072	5.4E-03	AT5G53120	-2.3	5.1E-09
1 mM SA	CG	5	21689738	21689848	8	-0.337	0.110	4.6E-03	AT5G53450	0.8	1.1E-02
1 mM SA	CG	5	21689886	21689952	8	-0.376	0.169	4.0E-03	AT5G53450	0.8	1.1E-02
1 mM SA	CG	5	21690888	21690894	4	-0.287	0.118	9.9E-04	AT5G53450	0.8	1.1E-02
1 mM SA	CG	5	22039957	22039995	4	-0.296	0.044	2.8E-03	AT5G54280	3.0	1.2E-29
1 mM SA	CG	5	22100654	22100657	4	-0.246	0.051	9.5E-04	AT5G54440	0.3	5.0E-01
1 mM SA	CG	5	22186784	22186884	6	-0.179	0.080	5.1E-03	AT5G54610	-4.0	5.3E-18
1 mM SA	CG	5	22186932	22186940	4	-0.399	0.191	3.0E-03	AT5G54610	-4.0	5.3E-18
1 mM SA	CG	5	22322785	22322888	6	-0.267	0.121	3.5E-03	AT5G55010	nd	nd
1 mM SA	CG	5	22350127	22350133	4	-0.160	0.087	9.2E-03	AT5G55070	-0.3	3.9E-01
1 mM SA	CG	5	22468804	22468851	4	-0.279	0.103	8.0E-03	AT5G55460	-1.6	2.9E-03
1 mM SA	CG	5	22770238	22770247	4	-0.449	0.147	9.9E-04	AT5G56250	-1.1	1.2E-02
1 mM SA	CG	5	22841078	22841144	4	-0.228	0.044	3.3E-03	AT5G56380	-0.5	3.0E-01
1 mM SA	CG	5	23283073	23283130	8	-0.180	0.103	5.8E-03	AT5G57480	-1.9	1.7E-04
1 mM SA	CG	5	23458189	23458244	4	-0.133	0.098	9.2E-03	AT5G57940	-0.6	2.3E-01
1 mM SA	CG	5	23536263	23536318	4	-0.239	0.137	4.5E-03	AT5G58160	1.1	4.9E-03
1 mM SA	CG	5	23821208	23821293	6	-0.145	0.103	5.9E-03	AT5G59010	0.3	4.8E-01
1 mM SA	CG	5	23915007	23915015	4	-0.257	0.089	7.1E-03	AT5G59280	nd	nd
1 mM SA	CG	5	24041737	24041795	4	-0.305	0.099	2.7E-03	AT5G59670	-0.5	2.7E-01
1 mM SA	CG	5	24260817	24260849	6	-0.436	0.125	8.2E-04	AT5G60280	-3.6	5.9E-12
1 mM SA	CG	5	25273501	25273525	4	-0.123	0.079	4.9E-03	AT5G62970	Inf	5.3E-01
1 mM SA	CG	5	26166138	26166187	4	-0.200	0.116	9.3E-03	AT5G65460	1.8	1.0E-07
1 mM SA	CG	5	26865956	26865959	4	0.199	0.187	8.9E-03	AT5G67340	-2.3	6.3E-08
1 mM SA	CHG	1	1975938	1976011	6	-0.174	0.128	1.6E-03	AT1G06475	-2.3	2.4E-02
1 mM SA	CHG	1	4620868	4620920	4	-0.343	0.043	1.7E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CHG	1	4620922	4621046	14	-0.261	0.173	3.7E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CHG	1	4621064	4621098	6	-0.294	0.117	9.9E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CHG	1	4621111	4621122	4	-0.484	0.155	4.4E-04	AT1G13470	-2.1	1.0E-06
1 mM SA	CHG	1	4621235	4621315	8	-0.318	0.098	1.6E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CHG	1	4621335	4621410	10	-0.406	0.102	6.7E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CHG	1	4621501	4621571	6	-0.227	0.143	9.9E-03	AT1G13470	-2.1	1.0E-06
1 mM SA	CHG	1	8290356	8290373	6	-0.206	0.079	9.0E-03	AT1G23340	3.4	8.1E-10
1 mM SA	CHG	1	9368807	9368865	4	-0.207	0.158	9.2E-03	AT1G26976	nd	nd

1 mM SA	CHG	1	10013238	10013250	4	-0.289	0.115	9.3E-03	AT1G28480	-2.6	2.3E-11
1 mM SA	CHG	1	10724843	10724878	4	-0.272	0.040	6.3E-03	AT1G30380	2.6	1.1E-10
1 mM SA	CHG	1	11504741	11504777	4	0.184	0.129	7.5E-03	AT1G32000	nd	nd
1 mM SA	CHG	1	11817687	11817782	6	-0.119	0.114	7.1E-03	AT1G32670	nd	nd
1 mM SA	CHG	1	16041468	16041512	6	-0.139	0.118	9.7E-03	AT1G42680	-Inf	1.0E+00
1 mM SA	CHG	1	16054801	16054847	4	-0.228	0.078	4.6E-03	AT1G42699	nd	nd
1 mM SA	CHG	1	16382944	16382980	4	-0.179	0.078	9.3E-03	AT1G43415	nd	nd
1 mM SA	CHG	1	16846888	16846957	6	0.190	0.141	8.8E-03	AT1G44414	1.1	2.6E-01
1 mM SA	CHG	1	17027481	17027602	10	-0.136	0.114	9.7E-03	AT1G45050	-0.7	1.9E-01
1 mM SA	CHG	1	18892628	18892748	6	0.236	0.124	4.6E-03	AT1G50960	nd	nd
1 mM SA	CHG	1	24508218	24508268	4	-0.304	0.124	9.9E-03	AT1G65880	Inf	6.7E-02
1 mM SA	CHG	1	24705386	24705430	6	-0.259	0.099	2.2E-03	AT1G66270	nd	nd
1 mM SA	CHG	1	24838825	24838835	4	-0.410	0.047	4.5E-03	AT1G66580	-0.8	7.4E-02
1 mM SA	CHG	1	27636315	27636449	8	-0.207	0.166	9.4E-03	AT1G73490	0.2	7.7E-01
1 mM SA	CHG	1	28592780	28592795	4	-0.256	0.057	7.9E-03	AT1G76200	0.1	8.9E-01
1 mM SA	CHG	2	1085696	1085744	4	-0.312	0.185	9.2E-03	AT2G03570	nd	nd
1 mM SA	CHG	2	1651092	1651173	6	-0.160	0.138	9.8E-03	AT2G04700	1.0	2.2E-03
1 mM SA	CHG	2	1685296	1685393	4	0.212	0.105	1.6E-03	AT2G04800	-0.3	1.0E+00
1 mM SA	CHG	2	1950824	1950890	6	-0.215	0.057	4.9E-03	AT2G05350	nd	nd
1 mM SA	CHG	2	2136742	2136806	4	0.270	0.174	7.4E-03	AT2G05710	-0.9	4.8E-02
1 mM SA	CHG	2	2453168	2453177	4	-0.225	0.113	9.0E-03	AT2G06255	-1.9	1.5E-03
1 mM SA	CHG	2	2453872	2453923	10	-0.133	0.112	9.8E-03	AT2G06255	-1.9	1.5E-03
1 mM SA	CHG	2	2581376	2581396	4	-0.247	0.201	9.7E-03	AT2G06500	nd	nd
1 mM SA	CHG	2	2623665	2623683	4	-0.281	0.112	8.1E-03	AT2G06570	nd	nd
1 mM SA	CHG	2	3029335	3029399	6	0.180	0.160	8.9E-03	AT2G07290	nd	nd
1 mM SA	CHG	2	3485174	3485191	4	0.362	0.072	6.6E-03	AT2G07806	nd	nd
1 mM SA	CHG	2	3578720	3578747	4	-0.162	0.117	9.0E-03	AT2G07750	Inf	5.3E-01
1 mM SA	CHG	2	4311674	4311824	6	-0.169	0.081	4.4E-03	AT2G10940	2.6	6.2E-22
1 mM SA	CHG	2	4588978	4588988	4	-0.181	0.057	4.4E-03	AT2G11462	nd	nd
1 mM SA	CHG	2	4638131	4638240	6	-0.156	0.125	8.9E-03	AT2G11570	nd	nd
1 mM SA	CHG	2	5065302	5065422	6	-0.161	0.101	9.7E-03	AT2G12475	nd	nd
1 mM SA	CHG	2	5628049	5628059	4	-0.199	0.065	5.6E-03	AT2G13500	nd	nd
1 mM SA	CHG	2	5711609	5711645	6	0.177	0.112	4.7E-03	AT2G13690	1.6	3.3E-04
1 mM SA	CHG	2	6092480	6092549	4	-0.219	0.070	4.4E-03	AT2G14365	nd	nd
1 mM SA	CHG	2	6159155	6159172	6	-0.190	0.111	2.7E-03	AT2G14460	1.1	7.8E-03
1 mM SA	CHG	2	6436329	6436401	6	-0.180	0.080	9.9E-03	AT2G14935	nd	nd
1 mM SA	CHG	2	7293776	7293860	4	-0.265	0.145	1.9E-03	AT2G16835	nd	nd
1 mM SA	CHG	2	7659027	7659044	4	-0.188	0.115	9.8E-03	AT2G17600	nd	nd
1 mM SA	CHG	2	7963701	7963773	4	-0.366	0.173	9.2E-03	AT2G18328	0.8	6.3E-02
1 mM SA	CHG	2	8036180	8036208	4	0.242	0.225	9.8E-03	AT2G18520	0.8	2.2E-01
1 mM SA	CHG	2	8562583	8562681	6	-0.176	0.138	4.3E-03	AT2G19830	0.8	3.9E-02
1 mM SA	CHG	2	8819484	8819493	4	-0.216	0.048	9.7E-03	AT2G20453	nd	nd
1 mM SA	CHG	2	8893868	8893915	4	-0.283	0.116	8.0E-03	AT2G20620	0.3	1.0E+00
1 mM SA	CHG	2	8962807	8962855	6	0.121	0.110	8.2E-03	AT2G20820	-1.2	5.1E-03
1 mM SA	CHG	2	12658562	12658589	4	-0.228	0.044	1.6E-03	AT2G29605	nd	nd
1 mM SA	CHG	2	12886184	12886262	4	0.186	0.073	7.5E-03	AT2G30200	1.8	4.1E-08
1 mM SA	CHG	2	15110307	15110327	4	-0.276	0.073	1.7E-03	AT2G35980	-5.4	4.5E-25
1 mM SA	CHG	2	16890632	16890666	4	-0.213	0.113	9.8E-03	AT2G40440	1.3	8.2E-01
1 mM SA	CHG	3	4278996	4279007	4	-0.200	0.087	9.7E-03	AT3G13240	1.9	3.2E-04

1 mM SA	CHG	3	7659074	7659093	4	-0.270	0.129	9.0E-03	AT3G21730	nd	nd
1 mM SA	CHG	3	7845323	7845355	4	-0.322	0.055	5.9E-03	AT3G22230	0.5	2.8E-01
1 mM SA	CHG	3	10004699	10004769	4	0.232	0.101	4.5E-03	AT3G27130	0.7	3.6E-01
1 mM SA	CHG	3	10644506	10644525	4	-0.220	0.148	8.9E-03	AT3G28410	nd	nd
1 mM SA	CHG	3	11541323	11541393	4	-0.148	0.092	9.0E-03	AT3G29690	-1.7	3.1E-01
1 mM SA	CHG	3	11597305	11597332	4	-0.308	0.060	9.0E-03	AT3G29765	nd	nd
1 mM SA	CHG	3	13051411	13051418	4	0.256	0.259	9.9E-03	AT3G32040	nd	nd
1 mM SA	CHG	3	13068676	13068761	4	-0.231	0.169	7.5E-03	AT3G32050	nd	nd
1 mM SA	CHG	3	13094243	13094403	6	-0.231	0.127	6.1E-03	AT3G32100	nd	nd
1 mM SA	CHG	3	13359415	13359483	10	-0.103	0.090	9.7E-03	AT3G32400	nd	nd
1 mM SA	CHG	3	13499447	13499522	6	-0.245	0.142	7.3E-03	AT3G32960	nd	nd
1 mM SA	CHG	3	15089962	15090041	4	-0.313	0.164	4.8E-03	AT3G43110	-3.9	3.4E-03
1 mM SA	CHG	3	15153727	15153749	4	-0.376	0.188	5.1E-03	AT3G43153	nd	nd
1 mM SA	CHG	3	15542280	15542308	4	-0.161	0.086	6.7E-03	AT3G43630	nd	nd
1 mM SA	CHG	3	15623415	15623541	6	-0.179	0.082	9.9E-03	AT3G43722	nd	nd
1 mM SA	CHG	3	15932223	15932317	4	0.288	0.185	9.9E-03	AT3G44230	nd	nd
1 mM SA	CHG	3	16338455	16338462	4	-0.211	0.126	1.0E-02	AT3G44800	0.6	5.2E-01
1 mM SA	CHG	3	16810104	16810127	4	-0.187	0.093	9.0E-03	AT3G45770	-0.8	9.4E-02
1 mM SA	CHG	3	16959115	16959144	8	-0.233	0.151	7.3E-03	AT3G46180	-0.1	1.0E+00
1 mM SA	CHG	3	17178466	17178476	4	-0.324	0.057	2.8E-03	AT3G46620	0.0	6.6E-01
1 mM SA	CHG	3	17178565	17178580	4	-0.288	0.127	7.3E-03	AT3G46620	0.0	6.6E-01
1 mM SA	CHG	3	17321521	17321536	4	0.191	0.110	9.9E-03	AT3G47030	3.0	7.4E-04
1 mM SA	CHG	3	17495616	17495638	6	-0.257	0.143	2.6E-03	AT3G47470	1.8	8.2E-04
1 mM SA	CHG	3	19701053	19701085	6	-0.149	0.089	1.0E-02	AT3G53150	-6.5	1.3E-35
1 mM SA	CHG	4	41684	41768	4	-0.232	0.129	9.8E-03	AT4G00120	nd	nd
1 mM SA	CHG	4	2582578	2582633	4	0.230	0.081	8.9E-03	AT4G05040	0.2	7.3E-01
1 mM SA	CHG	4	2647126	2647206	10	-0.181	0.122	8.1E-03	AT4G05136	nd	nd
1 mM SA	CHG	4	3767437	3767445	4	-0.192	0.168	9.7E-03	AT4G06634	-0.6	1.8E-01
1 mM SA	CHG	4	5420935	5420984	4	-0.187	0.071	1.0E-02	AT4G08530	nd	nd
1 mM SA	CHG	4	5969273	5969342	4	0.149	0.157	9.6E-03	AT4G09430	-1.3	3.4E-01
1 mM SA	CHG	4	6919125	6919159	4	-0.259	0.161	7.0E-03	AT4G11380	0.4	4.4E-01
1 mM SA	CHG	4	7089704	7089803	8	-0.295	0.108	7.2E-03	AT4G11790	0.4	4.0E-01
1 mM SA	CHG	4	7090079	7090129	8	-0.244	0.071	7.4E-03	AT4G11790	0.4	4.0E-01
1 mM SA	CHG	4	10248129	10248146	4	-0.295	0.052	7.5E-03	AT4G18600	-0.1	9.4E-01
1 mM SA	CHG	4	10269861	10269879	4	0.222	0.039	1.8E-03	AT4G18660	-Inf	1.0E+00
1 mM SA	CHG	4	10351353	10351469	8	0.141	0.095	9.2E-03	AT4G18890	-0.5	3.2E-01
1 mM SA	CHG	4	10756661	10756679	4	0.153	0.132	1.0E-02	AT4G19770	nd	nd
1 mM SA	CHG	4	11824523	11824536	4	-0.252	0.060	7.1E-03	AT4G22420	nd	nd
1 mM SA	CHG	4	11837068	11837095	4	-0.193	0.169	9.3E-03	AT4G22460	nd	nd
1 mM SA	CHG	4	12095501	12095680	6	0.205	0.165	7.4E-03	AT4G23080	nd	nd
1 mM SA	CHG	4	13328173	13328262	6	0.198	0.140	7.3E-03	AT4G26350	nd	nd
1 mM SA	CHG	4	18250472	18250547	6	-0.183	0.126	9.8E-03	AT4G39180	-0.4	4.9E-01
1 mM SA	CHG	5	6350244	6350264	4	-0.251	0.120	9.3E-03	AT5G19010	0.2	5.2E-01
1 mM SA	CHG	5	11152760	11152805	4	-0.182	0.125	8.3E-03	AT5G29210	nd	nd
1 mM SA	CHG	5	11633184	11633205	6	-0.154	0.145	9.3E-03	AT5G30520	nd	nd
1 mM SA	CHG	5	12233793	12233837	6	-0.141	0.091	9.9E-03	AT5G32597	nd	nd
1 mM SA	CHG	5	13551134	13551168	4	-0.182	0.122	9.3E-03	AT5G35338	nd	nd
1 mM SA	CHG	5	13838747	13838817	8	-0.169	0.134	7.2E-03	AT5G35640	nd	nd
1 mM SA	CHG	5	13884714	13884757	4	-0.184	0.083	5.6E-03	AT5G35715	nd	nd

1 mM SA	CHG	5	13930741	13930850	6	-0.240	0.127	2.7E-03	AT5G35760	nd	nd
1 mM SA	CHG	5	14380800	14380890	8	-0.215	0.088	4.5E-03	AT5G36550	nd	nd
1 mM SA	CHG	5	14759929	14759949	6	-0.220	0.122	4.9E-03	AT5G37270	nd	nd
1 mM SA	CHG	5	15236575	15236632	6	-0.226	0.120	1.0E-02	AT5G38190	nd	nd
1 mM SA	CHG	5	15396072	15396081	4	0.286	0.195	9.9E-03	AT5G38450	nd	nd
1 mM SA	CHG	5	19672333	19672423	6	-0.237	0.157	9.0E-03	AT5G48543	nd	nd
1 mM SA	CHG	5	20128412	20128442	4	-0.168	0.071	6.5E-03	AT5G49590	nd	nd
1 mM SA	CHG	5	21168611	21168621	4	-0.198	0.090	4.6E-03	AT5G52090	nd	nd
1 mM SA	CHG	5	22581460	22581469	4	-0.158	0.096	1.0E-02	AT5G55790	-0.3	7.1E-01
1 mM SA	CHH	1	42300	42325	6	-0.156	0.125	4.0E-03	AT1G01070	-2.1	2.4E-04
1 mM SA	CHH	1	44806	44824	4	0.336	0.115	1.8E-03	AT1G01073	nd	nd
1 mM SA	CHH	1	55691	55713	10	-0.251	0.083	4.8E-04	AT1G01115	nd	nd
1 mM SA	CHH	1	55779	55786	4	-0.352	0.032	2.8E-05	AT1G01115	nd	nd
1 mM SA	CHH	1	56013	56027	4	0.213	0.066	6.8E-03	AT1G01115	nd	nd
1 mM SA	CHH	1	77471	77516	10	-0.339	0.124	3.3E-04	AT1G01180	-1.6	2.0E-03
1 mM SA	CHH	1	117090	117139	14	0.316	0.078	9.5E-05	AT1G01300	3.0	6.1E-23
1 mM SA	CHH	1	431324	431351	10	-0.184	0.105	2.6E-03	AT1G02220	-3.8	3.0E-20
1 mM SA	CHH	1	431482	431516	6	-0.163	0.085	8.2E-03	AT1G02220	-3.8	3.0E-20
1 mM SA	CHH	1	549752	549782	6	-0.336	0.228	3.8E-04	AT1G02590	nd	nd
1 mM SA	CHH	1	587742	587766	4	0.323	0.094	1.5E-03	AT1G02700	-2.1	5.0E-01
1 mM SA	CHH	1	587771	587779	4	0.255	0.083	7.6E-03	AT1G02700	-2.1	5.0E-01
1 mM SA	CHH	1	634535	634567	6	0.249	0.135	5.7E-03	AT1G02860	-1.0	6.0E-02
1 mM SA	CHH	1	670676	670754	22	-0.177	0.105	3.5E-03	AT1G02960	-0.4	3.5E-01
1 mM SA	CHH	1	758607	758623	4	0.293	0.168	4.9E-03	AT1G03150	0.4	2.8E-01
1 mM SA	CHH	1	1160380	1160401	6	0.289	0.054	6.6E-04	AT1G04330	1.9	2.7E-01
1 mM SA	CHH	1	1194957	1195048	12	0.230	0.135	5.5E-04	AT1G04430	1.4	7.0E-05
1 mM SA	CHH	1	1250248	1250267	6	-0.274	0.107	4.9E-04	AT1G04570	1.0	3.3E-01
1 mM SA	CHH	1	1430979	1430990	4	-0.171	0.099	1.8E-03	AT1G05010	0.4	2.8E-01
1 mM SA	CHH	1	1442548	1442565	6	-0.263	0.067	8.0E-03	AT1G05030	0.4	2.6E-01
1 mM SA	CHH	1	1523208	1523221	4	-0.302	0.054	8.4E-05	AT1G05240	nd	nd
1 mM SA	CHH	1	1523410	1523413	4	-0.302	0.032	2.8E-06	AT1G05240	nd	nd
1 mM SA	CHH	1	1523417	1523440	8	-0.272	0.109	5.4E-04	AT1G05240	nd	nd
1 mM SA	CHH	1	1613317	1613344	8	-0.152	0.109	6.1E-03	AT1G05470	1.7	2.4E-05
1 mM SA	CHH	1	1614529	1614540	4	0.236	0.118	6.3E-03	AT1G05470	1.7	2.4E-05
1 mM SA	CHH	1	1705972	1705999	10	-0.296	0.095	1.9E-03	AT1G05690	-1.6	6.3E-04
1 mM SA	CHH	1	1881918	1881958	12	-0.199	0.097	3.5E-03	AT1G06160	-0.3	8.6E-01
1 mM SA	CHH	1	1882113	1882212	34	-0.138	0.072	8.4E-03	AT1G06160	-0.3	8.6E-01
1 mM SA	CHH	1	2234284	2234306	4	0.205	0.078	9.6E-03	AT1G07270	-0.1	1.0E+00
1 mM SA	CHH	1	2657824	2657834	4	-0.160	0.107	9.4E-03	AT1G08430	Inf	5.3E-01
1 mM SA	CHH	1	3024159	3024163	4	-0.308	0.088	5.8E-03	AT1G09370	-Inf	4.6E-01
1 mM SA	CHH	1	3343010	3343034	10	0.210	0.137	3.2E-03	AT1G10180	0.4	3.0E-01
1 mM SA	CHH	1	3362003	3362019	6	-0.465	0.044	1.5E-04	AT1G10270	-0.2	5.9E-01
1 mM SA	CHH	1	3413078	3413148	12	-0.167	0.087	1.3E-03	AT1G10390	-0.7	1.1E-01
1 mM SA	CHH	1	3413161	3413169	4	0.357	0.069	1.7E-03	AT1G10390	-0.7	1.1E-01
1 mM SA	CHH	1	3497755	3497780	4	-0.234	0.058	5.1E-03	AT1G10586	-0.8	1.0E+00
1 mM SA	CHH	1	3826986	3827000	4	0.353	0.073	2.7E-03	AT1G11362	Inf	7.1E-02
1 mM SA	CHH	1	3855656	3855675	6	0.289	0.097	4.8E-03	AT1G11460	Inf	5.3E-01
1 mM SA	CHH	1	3933448	3933460	4	-0.360	0.044	7.8E-05	AT1G11670	3.4	9.6E-19
1 mM SA	CHH	1	4093430	4093441	6	-0.213	0.075	4.1E-03	AT1G12100	Inf	7.0E-02

1 mM SA	CHH	1	4330826	4330844	4	-0.245	0.061	6.1E-03	AT1G12710	1.2	3.1E-03
1 mM SA	CHH	1	4334323	4334360	12	-0.130	0.110	5.1E-03	AT1G12730	1.2	2.6E-03
1 mM SA	CHH	1	4831820	4831836	4	-0.222	0.088	9.3E-03	AT1G14110	-Inf	1.0E+00
1 mM SA	CHH	1	5098385	5098410	4	-0.190	0.131	2.5E-03	AT1G14790	-0.7	2.3E-01
1 mM SA	CHH	1	5171856	5171940	20	-0.216	0.134	1.4E-03	AT1G15015	-Inf	1.0E+00
1 mM SA	CHH	1	5285335	5285352	4	-0.419	0.134	6.9E-03	AT1G15370	-0.1	9.0E-01
1 mM SA	CHH	1	5437044	5437060	6	-0.276	0.082	8.6E-04	AT1G15780	-0.4	3.1E-01
1 mM SA	CHH	1	5531755	5531760	4	-0.312	0.061	3.3E-03	AT1G16150	-1.5	8.5E-02
1 mM SA	CHH	1	5681821	5681845	12	-0.208	0.131	2.9E-03	AT1G16630	0.5	8.0E-01
1 mM SA	CHH	1	5694401	5694423	4	-0.198	0.078	1.9E-03	AT1G16670	-1.1	1.6E-02
1 mM SA	CHH	1	5694646	5694697	10	-0.136	0.095	1.6E-03	AT1G16670	-1.1	1.6E-02
1 mM SA	CHH	1	5696635	5696692	8	-0.205	0.111	6.7E-03	AT1G16670	-1.1	1.6E-02
1 mM SA	CHH	1	5699963	5699977	4	-0.396	0.039	9.3E-05	AT1G16670	-1.1	1.6E-02
1 mM SA	CHH	1	5799282	5799311	4	-0.216	0.094	3.3E-03	AT1G16960	2.0	5.8E-10
1 mM SA	CHH	1	5799456	5799488	12	-0.151	0.126	6.1E-03	AT1G16960	2.0	5.8E-10
1 mM SA	CHH	1	5911801	5911808	4	-0.325	0.170	6.9E-03	AT1G17270	-0.1	9.7E-01
1 mM SA	CHH	1	5958817	5958856	10	-0.241	0.101	3.0E-05	AT1G17380	0.9	9.1E-03
1 mM SA	CHH	1	5966842	5966859	6	0.290	0.147	4.6E-03	AT1G17410	-0.7	1.7E-01
1 mM SA	CHH	1	5970890	5970915	8	-0.193	0.114	6.9E-04	AT1G17410	-0.7	1.7E-01
1 mM SA	CHH	1	6014068	6014075	4	-0.322	0.131	6.8E-03	AT1G17500	-0.3	5.0E-01
1 mM SA	CHH	1	6140805	6140900	10	-0.168	0.083	2.9E-04	AT1G17840	2.1	7.5E-17
1 mM SA	CHH	1	6158110	6158164	6	-0.273	0.167	1.7E-03	AT1G17910	nd	nd
1 mM SA	CHH	1	6158330	6158344	4	-0.250	0.046	6.8E-03	AT1G17910	nd	nd
1 mM SA	CHH	1	6158843	6158848	4	-0.310	0.041	3.2E-06	AT1G17910	nd	nd
1 mM SA	CHH	1	6211922	6211942	6	-0.205	0.087	1.4E-04	AT1G18060	1.2	7.5E-04
1 mM SA	CHH	1	6234680	6234694	4	-0.222	0.103	9.7E-03	AT1G18130	nd	nd
1 mM SA	CHH	1	6237543	6237640	10	-0.160	0.124	9.0E-05	AT1G18130	nd	nd
1 mM SA	CHH	1	6237765	6237773	4	0.206	0.113	9.9E-03	AT1G18130	nd	nd
1 mM SA	CHH	1	6261631	6261650	4	-0.233	0.115	7.6E-03	AT1G18190	0.2	6.8E-01
1 mM SA	CHH	1	6379887	6379916	4	0.347	0.069	1.0E-03	AT1G18540	0.6	2.3E-01
1 mM SA	CHH	1	6426299	6426342	12	-0.181	0.087	7.7E-03	AT1G18670	0.5	2.7E-01
1 mM SA	CHH	1	6454765	6454773	4	0.312	0.073	5.5E-03	AT1G18710	2.2	3.8E-07
1 mM SA	CHH	1	6456010	6456022	6	0.216	0.078	1.5E-03	AT1G18720	-0.3	5.9E-01
1 mM SA	CHH	1	6472781	6472811	6	-0.240	0.047	1.3E-03	AT1G18760	nd	nd
1 mM SA	CHH	1	6515101	6515106	4	-0.345	0.048	1.6E-04	AT1G18870	5.6	5.9E-49
1 mM SA	CHH	1	6574592	6574614	4	0.285	0.083	2.5E-03	AT1G19040	nd	nd
1 mM SA	CHH	1	6591129	6591170	8	-0.202	0.104	3.4E-03	AT1G19090	nd	nd
1 mM SA	CHH	1	6640867	6640883	4	-0.255	0.139	5.0E-03	AT1G19230	-0.9	2.3E-01
1 mM SA	CHH	1	6658580	6658628	4	-0.268	0.119	8.6E-03	AT1G19260	nd	nd
1 mM SA	CHH	1	6704241	6704263	10	-0.181	0.080	2.5E-03	AT1G19390	Inf	2.7E-01
1 mM SA	CHH	1	6706039	6706110	10	-0.142	0.158	4.1E-03	AT1G19390	Inf	2.7E-01
1 mM SA	CHH	1	6709044	6709090	8	-0.174	0.181	4.5E-03	AT1G19394	-1.5	1.2E-02
1 mM SA	CHH	1	6736734	6736744	4	-0.356	0.162	2.3E-03	AT1G19460	nd	nd
1 mM SA	CHH	1	6906283	6906299	4	-0.276	0.085	1.6E-03	AT1G19890	nd	nd
1 mM SA	CHH	1	6906328	6906333	4	-0.286	0.094	8.0E-04	AT1G19890	nd	nd
1 mM SA	CHH	1	6906344	6906371	6	-0.227	0.112	1.0E-03	AT1G19890	nd	nd
1 mM SA	CHH	1	7024468	7024473	4	-0.245	0.154	2.8E-03	AT1G20280	nd	nd
1 mM SA	CHH	1	7072281	7072328	8	-0.212	0.139	6.8E-04	AT1G20400	nd	nd
1 mM SA	CHH	1	7201952	7201959	4	0.259	0.039	6.8E-03	AT1G20740	Inf	2.7E-01

1 mM SA	CHH	1	7201968	7201978	4	0.213	0.114	1.7E-03	AT1G20740	Inf	2.7E-01
1 mM SA	CHH	1	7241122	7241129	4	-0.316	0.040	4.7E-04	AT1G20830	0.0	1.0E+00
1 mM SA	CHH	1	7241137	7241153	6	-0.205	0.108	4.5E-03	AT1G20830	0.0	1.0E+00
1 mM SA	CHH	1	7251952	7251979	12	-0.306	0.096	1.0E-04	AT1G20850	1.6	4.9E-06
1 mM SA	CHH	1	7254969	7254988	6	-0.308	0.084	1.1E-03	AT1G20860	nd	nd
1 mM SA	CHH	1	7281812	7281878	12	-0.098	0.098	4.1E-03	AT1G20910	-0.1	8.6E-01
1 mM SA	CHH	1	7282762	7282775	4	-0.188	0.080	4.1E-03	AT1G20910	-0.1	8.6E-01
1 mM SA	CHH	1	7285755	7285760	4	0.488	0.123	3.1E-04	AT1G20920	-0.5	2.7E-01
1 mM SA	CHH	1	7285761	7285772	6	0.557	0.133	2.1E-04	AT1G20920	-0.5	2.7E-01
1 mM SA	CHH	1	7285773	7285818	18	0.625	0.089	4.6E-05	AT1G20920	-0.5	2.7E-01
1 mM SA	CHH	1	7344467	7344549	18	-0.133	0.082	4.5E-03	AT1G21010	0.9	7.0E-03
1 mM SA	CHH	1	7392392	7392419	4	-0.233	0.038	9.9E-03	AT1G21110	3.2	5.2E-10
1 mM SA	CHH	1	7393317	7393345	8	0.216	0.207	9.3E-03	AT1G21110	3.2	5.2E-10
1 mM SA	CHH	1	7522016	7522035	6	0.251	0.059	1.3E-03	AT1G21480	0.9	3.2E-02
1 mM SA	CHH	1	7604928	7604997	18	-0.195	0.076	6.0E-03	AT1G21660	0.3	5.8E-01
1 mM SA	CHH	1	7719602	7719642	4	0.320	0.038	3.1E-03	AT1G21940	nd	nd
1 mM SA	CHH	1	7725815	7725854	8	-0.199	0.123	3.9E-03	AT1G21960	nd	nd
1 mM SA	CHH	1	7761595	7761608	6	-0.256	0.064	9.2E-03	AT1G22030	1.2	2.8E-02
1 mM SA	CHH	1	7833644	7833662	6	-0.215	0.144	2.4E-03	AT1G22190	-1.0	7.0E-02
1 mM SA	CHH	1	7973554	7973567	6	-0.150	0.149	3.7E-03	AT1G22550	2.9	6.0E-09
1 mM SA	CHH	1	8053320	8053350	6	-0.189	0.066	5.1E-03	AT1G22760	nd	nd
1 mM SA	CHH	1	8160482	8160520	4	0.162	0.122	8.7E-03	AT1G23037	nd	nd
1 mM SA	CHH	1	8169907	8170003	16	-0.247	0.121	2.4E-03	AT1G23050	0.6	2.2E-01
1 mM SA	CHH	1	8190106	8190127	4	0.300	0.169	8.8E-03	AT1G23090	-1.6	7.4E-04
1 mM SA	CHH	1	8201307	8201337	10	-0.227	0.098	1.1E-03	AT1G23130	-0.9	1.1E-01
1 mM SA	CHH	1	8277673	8277705	8	-0.242	0.102	5.8E-03	AT1G23320	nd	nd
1 mM SA	CHH	1	8279024	8279058	6	-0.193	0.095	2.6E-03	AT1G23330	-0.5	2.2E-01
1 mM SA	CHH	1	8319702	8319713	6	-0.155	0.123	4.4E-03	AT1G23440	-1.7	1.7E-04
1 mM SA	CHH	1	8319718	8319724	4	-0.318	0.056	1.6E-03	AT1G23440	-1.7	1.7E-04
1 mM SA	CHH	1	8375016	8375028	4	0.224	0.086	6.1E-03	AT1G23670	nd	nd
1 mM SA	CHH	1	8409090	8409109	6	0.268	0.100	2.8E-03	AT1G23780	-0.8	6.6E-02
1 mM SA	CHH	1	8461689	8461778	14	-0.187	0.105	1.4E-03	AT1G23935	3.5	2.8E-15
1 mM SA	CHH	1	8543907	8543958	10	-0.215	0.146	5.0E-03	AT1G24147	-1.5	6.9E-04
1 mM SA	CHH	1	8577520	8577528	4	-0.322	0.082	2.6E-03	AT1G24210	-0.6	4.8E-01
1 mM SA	CHH	1	8691712	8691785	12	-0.191	0.106	2.4E-03	AT1G24530	-1.5	9.6E-03
1 mM SA	CHH	1	8790578	8790601	4	-0.361	0.157	5.1E-03	AT1G24909	nd	nd
1 mM SA	CHH	1	8798200	8798221	8	-0.245	0.040	2.5E-03	AT1G25054	-0.4	6.6E-01
1 mM SA	CHH	1	8831895	8831933	4	0.155	0.145	4.4E-03	AT1G25210	nd	nd
1 mM SA	CHH	1	8931027	8931046	4	-0.162	0.094	2.7E-03	AT1G25440	1.4	7.3E-04
1 mM SA	CHH	1	8931952	8931962	4	-0.254	0.042	5.0E-03	AT1G25440	1.4	7.3E-04
1 mM SA	CHH	1	8932032	8932065	10	-0.174	0.090	1.3E-03	AT1G25440	1.4	7.3E-04
1 mM SA	CHH	1	9013236	9013271	6	-0.178	0.058	3.5E-03	AT1G25988	0.3	1.0E+00
1 mM SA	CHH	1	9077684	9077704	8	-0.211	0.072	4.6E-03	AT1G26240	-Inf	6.6E-01
1 mM SA	CHH	1	9077729	9077750	6	-0.386	0.054	2.6E-04	AT1G26240	-Inf	6.6E-01
1 mM SA	CHH	1	9081665	9081676	4	-0.413	0.035	2.8E-05	AT1G26240	-Inf	6.6E-01
1 mM SA	CHH	1	9081692	9081698	4	-0.265	0.140	1.5E-03	AT1G26240	-Inf	6.6E-01
1 mM SA	CHH	1	9082793	9082839	16	-0.171	0.082	5.0E-04	AT1G26250	nd	nd
1 mM SA	CHH	1	9176246	9176350	12	-0.140	0.074	7.4E-03	AT1G26560	1.9	1.2E-08
1 mM SA	CHH	1	9177908	9177922	4	-0.202	0.077	9.4E-03	AT1G26560	1.9	1.2E-08

1 mM SA	CHH	1	9188571	9188584	4	-0.273	0.107	2.0E-03	AT1G26590	1.3	7.7E-01
1 mM SA	CHH	1	9205076	9205151	4	0.262	0.171	7.4E-03	AT1G26630	0.4	2.9E-01
1 mM SA	CHH	1	9237055	9237065	4	-0.334	0.249	7.4E-03	AT1G26720	nd	nd
1 mM SA	CHH	1	9304957	9304982	8	-0.238	0.071	7.9E-03	AT1G26850	1.1	3.4E-03
1 mM SA	CHH	1	9354034	9354042	4	-0.292	0.042	8.3E-05	AT1G26960	-0.4	4.5E-01
1 mM SA	CHH	1	9418131	9418174	4	-0.306	0.021	6.0E-03	AT1G27110	-1.1	5.6E-02
1 mM SA	CHH	1	9418179	9418198	4	-0.246	0.149	4.1E-03	AT1G27110	-1.1	5.6E-02
1 mM SA	CHH	1	9572487	9572502	4	-0.314	0.040	7.6E-03	AT1G27565	Inf	5.3E-01
1 mM SA	CHH	1	9626902	9626910	4	-0.143	0.105	7.9E-03	AT1G27670	-2.1	7.0E-02
1 mM SA	CHH	1	9707712	9707756	4	-0.233	0.070	7.0E-03	AT1G27870	nd	nd
1 mM SA	CHH	1	9708262	9708357	52	0.586	0.152	3.0E-04	AT1G27880	1.2	1.3E-01
1 mM SA	CHH	1	9755461	9755472	4	-0.306	0.093	6.3E-03	AT1G27990	-Inf	2.2E-01
1 mM SA	CHH	1	9762650	9762676	8	-0.142	0.084	4.3E-03	AT1G28007	nd	nd
1 mM SA	CHH	1	9812300	9812355	12	-0.208	0.082	3.6E-03	AT1G28120	-0.5	3.1E-01
1 mM SA	CHH	1	9818140	9818225	4	0.273	0.103	6.8E-03	AT1G28120	-0.5	3.1E-01
1 mM SA	CHH	1	9916453	9916468	4	-0.178	0.125	3.1E-03	AT1G28310	0.1	8.3E-01
1 mM SA	CHH	1	9925144	9925147	4	-0.290	0.053	1.1E-04	AT1G28320	-0.4	4.5E-01
1 mM SA	CHH	1	9925250	9925264	6	-0.205	0.063	1.8E-03	AT1G28320	-0.4	4.5E-01
1 mM SA	CHH	1	10013319	10013338	8	-0.252	0.099	3.3E-03	AT1G28480	-2.6	2.3E-11
1 mM SA	CHH	1	10114046	10114067	8	0.687	0.090	7.5E-06	AT1G29000	-Inf	6.6E-01
1 mM SA	CHH	1	10114070	10114078	4	0.574	0.046	6.1E-08	AT1G29000	-Inf	6.6E-01
1 mM SA	CHH	1	10114081	10114169	32	0.677	0.082	5.0E-08	AT1G29000	-Inf	6.6E-01
1 mM SA	CHH	1	10161035	10161063	10	-0.254	0.046	6.7E-04	AT1G29080	nd	nd
1 mM SA	CHH	1	10221840	10221862	4	0.337	0.095	7.5E-05	AT1G29240	-2.8	1.6E-09
1 mM SA	CHH	1	10221884	10221889	4	-0.221	0.071	3.4E-04	AT1G29240	-2.8	1.6E-09
1 mM SA	CHH	1	10315427	10315436	4	-0.232	0.119	1.0E-03	AT1G29470	1.4	2.3E-04
1 mM SA	CHH	1	10357363	10357366	4	-0.218	0.105	5.8E-03	AT1G29640	-5.8	3.0E-35
1 mM SA	CHH	1	10360374	10360388	4	-0.208	0.071	3.9E-03	AT1G29640	-5.8	3.0E-35
1 mM SA	CHH	1	10421499	10421532	10	-0.178	0.078	2.5E-04	AT1G29760	-1.2	1.0E-02
1 mM SA	CHH	1	10444016	10444066	16	-0.177	0.086	3.9E-03	AT1G29830	2.0	1.4E-01
1 mM SA	CHH	1	10497634	10497662	8	0.214	0.158	3.8E-03	AT1G29962	nd	nd
1 mM SA	CHH	1	10526178	10526182	4	0.347	0.053	8.5E-04	AT1G30016	nd	nd
1 mM SA	CHH	1	10532968	10533022	4	-0.210	0.150	8.2E-03	AT1G30040	0.0	8.0E-01
1 mM SA	CHH	1	10534725	10534753	8	-0.313	0.111	1.2E-03	AT1G30040	0.0	8.0E-01
1 mM SA	CHH	1	10570169	10570180	4	-0.170	0.127	4.5E-03	AT1G30100	-1.6	2.5E-01
1 mM SA	CHH	1	10591697	10591721	4	-0.408	0.126	1.3E-03	AT1G30130	0.1	6.5E-01
1 mM SA	CHH	1	10666150	10666178	6	-0.201	0.120	4.4E-04	AT1G30280	1.3	5.1E-03
1 mM SA	CHH	1	10723916	10723981	8	-0.164	0.089	5.0E-03	AT1G30380	2.6	1.1E-10
1 mM SA	CHH	1	10802825	10802848	8	-0.243	0.131	2.5E-03	AT1G30490	-1.4	1.2E-03
1 mM SA	CHH	1	10803231	10803238	4	0.288	0.093	6.4E-03	AT1G30490	-1.4	1.2E-03
1 mM SA	CHH	1	10852912	10852934	4	-0.353	0.070	4.1E-03	AT1G30620	-1.6	3.7E-04
1 mM SA	CHH	1	10853150	10853197	12	0.297	0.155	1.1E-04	AT1G30620	-1.6	3.7E-04
1 mM SA	CHH	1	10880942	10880948	4	-0.179	0.119	7.9E-03	AT1G30680	0.7	7.6E-02
1 mM SA	CHH	1	10915129	10915216	24	-0.179	0.137	1.3E-03	AT1G30760	3.3	9.3E-03
1 mM SA	CHH	1	10916315	10916322	4	0.346	0.027	1.3E-04	AT1G30760	3.3	9.3E-03
1 mM SA	CHH	1	10924816	10924826	4	-0.235	0.056	4.8E-03	AT1G30780	nd	nd
1 mM SA	CHH	1	10924851	10924940	16	-0.286	0.119	1.6E-03	AT1G30780	nd	nd
1 mM SA	CHH	1	11006156	11006177	6	-0.170	0.102	3.6E-03	AT1G30920	nd	nd
1 mM SA	CHH	1	11032326	11032403	8	0.227	0.191	3.7E-03	AT1G30950	nd	nd

1 mM SA	CHH	1	11103836	11103858	4	0.219	0.075	6.8E-03	AT1G31120	-1.4	2.9E-03
1 mM SA	CHH	1	11129106	11129114	6	-0.122	0.104	6.8E-03	AT1G31163	nd	nd
1 mM SA	CHH	1	11129138	11129147	6	-0.237	0.048	1.5E-04	AT1G31163	nd	nd
1 mM SA	CHH	1	11129164	11129171	4	-0.209	0.061	3.0E-03	AT1G31163	nd	nd
1 mM SA	CHH	1	11132718	11132736	10	-0.182	0.112	1.5E-03	AT1G31170	0.0	9.6E-01
1 mM SA	CHH	1	11148194	11148203	4	-0.261	0.149	8.0E-03	AT1G31200	-0.6	4.7E-01
1 mM SA	CHH	1	11153550	11153586	4	-0.267	0.042	1.3E-03	AT1G31220	-0.1	8.3E-01
1 mM SA	CHH	1	11156523	11156534	4	0.265	0.050	6.3E-04	AT1G31220	-0.1	8.3E-01
1 mM SA	CHH	1	11298922	11298983	10	-0.183	0.106	3.6E-04	AT1G31550	1.0	2.9E-03
1 mM SA	CHH	1	11301662	11301680	6	-0.185	0.090	9.9E-03	AT1G31550	1.0	2.9E-03
1 mM SA	CHH	1	11310083	11310098	6	-0.152	0.096	9.0E-03	AT1G31580	-1.0	8.2E-02
1 mM SA	CHH	1	11352363	11352387	8	-0.222	0.144	3.3E-03	AT1G31710	2.6	2.1E-12
1 mM SA	CHH	1	11421228	11421234	4	-0.339	0.061	9.0E-05	AT1G31830	-0.8	1.5E-01
1 mM SA	CHH	1	11421266	11421303	10	-0.158	0.087	5.0E-04	AT1G31830	-0.8	1.5E-01
1 mM SA	CHH	1	11453015	11453018	4	0.303	0.043	8.7E-05	AT1G31885	-4.3	5.9E-05
1 mM SA	CHH	1	11492960	11492989	4	-0.210	0.104	3.0E-03	AT1G31990	Inf	2.8E-01
1 mM SA	CHH	1	11504163	11504263	8	-0.138	0.130	6.9E-03	AT1G32000	nd	nd
1 mM SA	CHH	1	11511552	11511603	6	-0.229	0.142	4.4E-03	AT1G32010	nd	nd
1 mM SA	CHH	1	11526088	11526118	6	-0.183	0.095	6.3E-03	AT1G32050	-0.2	8.2E-01
1 mM SA	CHH	1	11637050	11637061	6	0.373	0.102	6.3E-04	AT1G32250	nd	nd
1 mM SA	CHH	1	11637110	11637117	4	-0.218	0.120	4.3E-03	AT1G32250	nd	nd
1 mM SA	CHH	1	11643947	11643989	4	-0.304	0.017	6.4E-04	AT1G32270	-Inf	2.4E-03
1 mM SA	CHH	1	11721406	11721420	4	-0.241	0.059	6.5E-03	AT1G32450	-1.4	7.2E-04
1 mM SA	CHH	1	11807780	11807827	16	-0.164	0.074	6.2E-04	AT1G32650	nd	nd
1 mM SA	CHH	1	11817672	11817682	4	-0.234	0.085	9.9E-04	AT1G32670	nd	nd
1 mM SA	CHH	1	11817748	11817805	12	-0.155	0.104	2.6E-03	AT1G32670	nd	nd
1 mM SA	CHH	1	11958701	11958720	4	-0.210	0.073	2.8E-03	AT1G33010	nd	nd
1 mM SA	CHH	1	11958977	11959086	10	-0.156	0.087	6.0E-04	AT1G33010	nd	nd
1 mM SA	CHH	1	11959865	11959883	4	-0.237	0.094	9.9E-04	AT1G33010	nd	nd
1 mM SA	CHH	1	11980325	11980330	4	-0.380	0.062	1.6E-04	AT1G33060	-0.3	5.9E-01
1 mM SA	CHH	1	12012661	12012683	4	0.201	0.122	6.3E-03	AT1G33120	0.1	8.2E-01
1 mM SA	CHH	1	12041871	12041940	6	-0.158	0.121	2.5E-03	AT1G33220	nd	nd
1 mM SA	CHH	1	12050422	12050441	8	-0.154	0.085	6.5E-03	AT1G33230	0.3	4.7E-01
1 mM SA	CHH	1	12079644	12079659	6	-0.240	0.129	2.8E-03	AT1G33320	nd	nd
1 mM SA	CHH	1	12080048	12080082	4	-0.260	0.072	2.1E-04	AT1G33320	nd	nd
1 mM SA	CHH	1	12091763	12091769	4	0.769	0.114	1.9E-05	AT1G33350	-0.5	5.1E-01
1 mM SA	CHH	1	12091771	12091823	22	0.759	0.090	2.6E-05	AT1G33360	-0.7	1.1E-01
1 mM SA	CHH	1	12143276	12143311	6	0.221	0.129	9.5E-03	AT1G33470	0.9	5.9E-03
1 mM SA	CHH	1	12174760	12174766	4	-0.343	0.050	6.1E-05	AT1G33590	2.9	3.7E-40
1 mM SA	CHH	1	12218899	12218912	4	0.200	0.116	3.6E-03	AT1G33709	nd	nd
1 mM SA	CHH	1	12225889	12225897	4	0.342	0.078	3.9E-04	AT1G33730	-7.3	1.9E-09
1 mM SA	CHH	1	12240405	12240417	6	0.317	0.172	1.2E-03	AT1G33770	2.3	2.8E-12
1 mM SA	CHH	1	12264686	12264709	8	-0.131	0.093	9.2E-03	AT1G33810	1.0	5.1E-03
1 mM SA	CHH	1	12275173	12275195	4	-0.303	0.148	8.2E-03	AT1G33820	nd	nd
1 mM SA	CHH	1	12286565	12286599	6	0.184	0.083	1.8E-03	AT1G33840	-3.1	2.5E-04
1 mM SA	CHH	1	12287453	12287490	14	0.410	0.155	1.6E-04	AT1G33850	nd	nd
1 mM SA	CHH	1	12299305	12299327	6	-0.300	0.127	2.2E-03	AT1G33870	nd	nd
1 mM SA	CHH	1	12336615	12336631	4	-0.189	0.114	6.5E-04	AT1G33950	-5.7	6.1E-23
1 mM SA	CHH	1	12336735	12336746	4	0.270	0.114	6.1E-04	AT1G33950	-5.7	6.1E-23

1 mM SA	CHH	1	12337808	12337827	6	0.270	0.112	7.3E-05	AT1G33950	-5.7	6.1E-23
1 mM SA	CHH	1	12406198	12406208	4	-0.247	0.131	3.5E-03	AT1G34070	nd	nd
1 mM SA	CHH	1	12408717	12408818	16	-0.159	0.092	6.3E-03	AT1G34095	nd	nd
1 mM SA	CHH	1	12424993	12425001	4	-0.252	0.066	6.2E-03	AT1G34120	-0.7	1.3E-01
1 mM SA	CHH	1	12425205	12425338	16	-0.118	0.101	4.0E-04	AT1G34120	-0.7	1.3E-01
1 mM SA	CHH	1	12435422	12435457	10	-0.138	0.101	5.4E-04	AT1G34150	-1.3	3.4E-03
1 mM SA	CHH	1	12526593	12526602	4	-0.142	0.123	8.4E-03	AT1G34340	1.7	5.5E-09
1 mM SA	CHH	1	12564141	12564153	4	-0.229	0.065	7.9E-03	AT1G34400	nd	nd
1 mM SA	CHH	1	12567670	12567692	4	-0.247	0.085	6.6E-03	AT1G34400	nd	nd
1 mM SA	CHH	1	12568095	12568131	4	0.208	0.183	9.2E-03	AT1G34400	nd	nd
1 mM SA	CHH	1	12576410	12576423	6	-0.263	0.118	1.0E-03	AT1G34410	nd	nd
1 mM SA	CHH	1	12577992	12578002	6	0.287	0.088	5.5E-04	AT1G34410	nd	nd
1 mM SA	CHH	1	12578004	12578021	8	0.559	0.126	1.0E-03	AT1G34410	nd	nd
1 mM SA	CHH	1	12578022	12578029	4	0.457	0.023	1.1E-06	AT1G34410	nd	nd
1 mM SA	CHH	1	12578031	12578091	26	0.308	0.059	1.5E-06	AT1G34410	nd	nd
1 mM SA	CHH	1	12593547	12593562	4	-0.282	0.060	3.6E-03	AT1G34440	Inf	5.3E-01
1 mM SA	CHH	1	12595415	12595441	4	-0.233	0.095	2.6E-03	AT1G34460	-0.7	5.2E-01
1 mM SA	CHH	1	12651895	12651926	4	-0.207	0.111	4.3E-03	AT1G34550	0.8	4.0E-02
1 mM SA	CHH	1	12662764	12662805	16	-0.246	0.106	2.1E-04	AT1G34580	3.5	3.1E-03
1 mM SA	CHH	1	12662830	12662888	16	-0.237	0.111	6.4E-04	AT1G34580	3.5	3.1E-03
1 mM SA	CHH	1	12691559	12691578	8	0.176	0.138	5.6E-03	AT1G34650	Inf	5.3E-01
1 mM SA	CHH	1	12733655	12733685	4	-0.193	0.124	1.6E-03	AT1G34750	-1.9	1.8E-05
1 mM SA	CHH	1	12742877	12742892	4	-0.181	0.145	6.6E-03	AT1G34760	-0.1	1.0E+00
1 mM SA	CHH	1	12760698	12760822	8	-0.192	0.132	7.3E-03	AT1G34790	nd	nd
1 mM SA	CHH	1	12848752	12848766	4	-0.238	0.055	3.8E-03	AT1G35140	-1.0	9.4E-02
1 mM SA	CHH	1	12855970	12855975	4	0.302	0.029	4.9E-04	AT1G35140	-1.0	9.4E-02
1 mM SA	CHH	1	12872430	12872455	6	-0.245	0.040	2.4E-03	AT1G35170	nd	nd
1 mM SA	CHH	1	12896434	12896441	4	-0.273	0.052	8.6E-05	AT1G35210	0.7	2.6E-02
1 mM SA	CHH	1	12896455	12896485	10	-0.336	0.133	4.3E-05	AT1G35210	0.7	2.6E-02
1 mM SA	CHH	1	12918679	12918687	4	0.256	0.105	3.2E-03	AT1G35230	-1.9	2.5E-04
1 mM SA	CHH	1	12930147	12930230	34	0.529	0.092	6.1E-03	AT1G35240	nd	nd
1 mM SA	CHH	1	12930232	12930277	4	0.143	0.247	8.1E-03	AT1G35240	nd	nd
1 mM SA	CHH	1	12957966	12958000	4	-0.286	0.100	1.1E-03	AT1G35310	3.2	1.5E-04
1 mM SA	CHH	1	12958105	12958115	4	-0.307	0.027	2.7E-03	AT1G35310	3.2	1.5E-04
1 mM SA	CHH	1	12958199	12958238	8	0.139	0.098	6.8E-03	AT1G35310	3.2	1.5E-04
1 mM SA	CHH	1	12993544	12993550	4	0.335	0.036	5.6E-04	AT1G35365	nd	nd
1 mM SA	CHH	1	13005020	13005066	6	-0.172	0.083	2.7E-03	AT1G35375	nd	nd
1 mM SA	CHH	1	13006909	13006982	8	-0.254	0.135	6.7E-03	AT1G35375	nd	nd
1 mM SA	CHH	1	13020061	13020086	4	-0.225	0.105	5.1E-03	AT1G35400	nd	nd
1 mM SA	CHH	1	13039441	13039445	4	0.318	0.064	4.0E-03	AT1G35460	-0.1	7.6E-01
1 mM SA	CHH	1	13039489	13039538	14	-0.167	0.077	5.3E-03	AT1G35460	-0.1	7.6E-01
1 mM SA	CHH	1	13057213	13057229	6	0.290	0.124	1.9E-03	AT1G35470	-0.1	9.3E-01
1 mM SA	CHH	1	13057279	13057288	4	0.227	0.074	9.6E-03	AT1G35470	-0.1	9.3E-01
1 mM SA	CHH	1	13067934	13067944	4	0.288	0.044	5.5E-03	AT1G35500	nd	nd
1 mM SA	CHH	1	13067984	13068002	4	0.373	0.113	3.4E-04	AT1G35500	nd	nd
1 mM SA	CHH	1	13088207	13088224	6	0.278	0.174	7.4E-03	AT1G35530	1.3	9.0E-02
1 mM SA	CHH	1	13108880	13108895	6	0.372	0.079	1.2E-03	AT1G35540	nd	nd
1 mM SA	CHH	1	13108899	13108920	10	0.484	0.074	3.4E-05	AT1G35540	nd	nd
1 mM SA	CHH	1	13108922	13108964	22	0.530	0.110	2.8E-06	AT1G35540	nd	nd

1 mM SA	CHH	1	13109032	13109038	4	-0.259	0.045	6.3E-03	AT1G35540	nd	nd
1 mM SA	CHH	1	13126951	13126964	4	-0.251	0.056	4.6E-03	AT1G35580	-0.8	1.5E-01
1 mM SA	CHH	1	13130001	13130039	10	0.247	0.055	2.1E-03	AT1G35580	-0.8	1.5E-01
1 mM SA	CHH	1	13154110	13154146	6	-0.394	0.117	1.1E-03	AT1G35617	nd	nd
1 mM SA	CHH	1	13156118	13156210	4	0.266	0.046	2.8E-03	AT1G35620	-0.3	6.8E-01
1 mM SA	CHH	1	13165148	13165172	4	0.165	0.085	6.8E-03	AT1G35630	2.3	3.0E-01
1 mM SA	CHH	1	13166271	13166275	4	0.453	0.054	4.4E-06	AT1G35630	2.3	3.0E-01
1 mM SA	CHH	1	13166283	13166299	10	0.138	0.125	2.1E-03	AT1G35630	2.3	3.0E-01
1 mM SA	CHH	1	13188930	13188992	10	-0.224	0.102	1.8E-03	AT1G35660	-0.7	1.2E-01
1 mM SA	CHH	1	13189810	13189863	6	-0.135	0.096	7.1E-03	AT1G35660	-0.7	1.2E-01
1 mM SA	CHH	1	13191286	13191359	4	-0.200	0.079	3.2E-03	AT1G35660	-0.7	1.2E-01
1 mM SA	CHH	1	13230907	13230918	6	-0.221	0.071	3.9E-03	AT1G35730	3.9	2.5E-09
1 mM SA	CHH	1	13230924	13230939	6	0.248	0.135	9.6E-03	AT1G35730	3.9	2.5E-09
1 mM SA	CHH	1	13257114	13257122	4	-0.327	0.045	1.3E-04	AT1G35750	-Inf	1.0E+00
1 mM SA	CHH	1	13329852	13329870	4	-0.178	0.072	3.3E-03	AT1G35850	nd	nd
1 mM SA	CHH	1	13349279	13349311	6	-0.254	0.077	9.0E-05	AT1G35900	nd	nd
1 mM SA	CHH	1	13420866	13420881	4	-0.306	0.106	8.0E-03	AT1G36000	-Inf	3.1E-01
1 mM SA	CHH	1	13422236	13422240	4	-0.160	0.152	3.8E-03	AT1G36000	-Inf	3.1E-01
1 mM SA	CHH	1	13438471	13438493	8	0.210	0.101	1.8E-03	AT1G36030	nd	nd
1 mM SA	CHH	1	13440214	13440248	4	-0.178	0.137	4.2E-03	AT1G36030	nd	nd
1 mM SA	CHH	1	13447946	13447969	4	-0.236	0.052	4.8E-03	AT1G36050	-1.7	1.1E-04
1 mM SA	CHH	1	13491041	13491066	4	-0.223	0.093	5.0E-03	AT1G36095	nd	nd
1 mM SA	CHH	1	13494927	13495021	10	-0.089	0.100	9.0E-03	AT1G36100	nd	nd
1 mM SA	CHH	1	13528838	13528851	6	-0.147	0.088	6.3E-03	AT1G36150	nd	nd
1 mM SA	CHH	1	13545412	13545422	4	0.268	0.092	5.1E-03	AT1G36180	1.0	2.0E-02
1 mM SA	CHH	1	13631028	13631061	4	-0.223	0.111	9.2E-03	AT1G36272	nd	nd
1 mM SA	CHH	1	13636717	13636729	6	-0.331	0.119	1.2E-04	AT1G36272	nd	nd
1 mM SA	CHH	1	13639829	13639898	16	-0.110	0.077	8.2E-03	AT1G36280	0.9	9.1E-02
1 mM SA	CHH	1	13665767	13665796	4	-0.276	0.159	4.0E-04	AT1G36310	0.4	4.8E-01
1 mM SA	CHH	1	13667147	13667155	4	0.344	0.236	8.1E-03	AT1G36310	0.4	4.8E-01
1 mM SA	CHH	1	13669099	13669163	8	0.238	0.168	5.8E-04	AT1G36310	0.4	4.8E-01
1 mM SA	CHH	1	13916860	13916870	4	-0.160	0.144	4.1E-03	AT1G36756	nd	nd
1 mM SA	CHH	1	13920195	13920235	4	-0.167	0.110	5.6E-03	AT1G36756	nd	nd
1 mM SA	CHH	1	14008456	14008479	4	0.286	0.126	1.3E-03	AT1G36942	nd	nd
1 mM SA	CHH	1	14035460	14035564	10	-0.222	0.118	3.2E-03	AT1G37000	nd	nd
1 mM SA	CHH	1	14049204	14049269	6	-0.154	0.107	6.6E-03	AT1G37020	nd	nd
1 mM SA	CHH	1	14132637	14132665	6	-0.159	0.095	3.0E-04	AT1G37113	Inf	5.3E-01
1 mM SA	CHH	1	14138233	14138270	4	-0.159	0.221	9.9E-03	AT1G37113	Inf	5.3E-01
1 mM SA	CHH	1	14139752	14139763	6	0.480	0.017	1.2E-07	AT1G37113	Inf	5.3E-01
1 mM SA	CHH	1	14139765	14139771	4	0.563	0.020	7.6E-09	AT1G37113	Inf	5.3E-01
1 mM SA	CHH	1	14139773	14139795	12	0.475	0.085	2.3E-06	AT1G37113	Inf	5.3E-01
1 mM SA	CHH	1	14139797	14139805	4	0.375	0.019	5.2E-06	AT1G37113	Inf	5.3E-01
1 mM SA	CHH	1	14139809	14139824	8	0.362	0.045	3.1E-05	AT1G37113	Inf	5.3E-01
1 mM SA	CHH	1	14139827	14139853	8	0.153	0.094	7.0E-04	AT1G37113	Inf	5.3E-01
1 mM SA	CHH	1	14180601	14180611	4	-0.304	0.118	1.5E-03	AT1G37150	-1.3	2.0E-01
1 mM SA	CHH	1	14183303	14183341	8	-0.145	0.083	7.9E-03	AT1G37162	nd	nd
1 mM SA	CHH	1	14185158	14185204	4	0.216	0.112	4.1E-03	AT1G37162	nd	nd
1 mM SA	CHH	1	14507560	14507591	6	-0.197	0.117	6.2E-03	AT1G38630	nd	nd
1 mM SA	CHH	1	14507947	14507987	10	-0.188	0.136	1.3E-03	AT1G38630	nd	nd

1 mM SA	CHH	1	14541101	14541120	4	-0.183	0.086	3.5E-03	AT1G38790	nd	nd
1 mM SA	CHH	1	14542734	14542783	8	-0.160	0.067	9.9E-03	AT1G38790	nd	nd
1 mM SA	CHH	1	14587247	14587271	6	-0.178	0.062	9.5E-03	AT1G38950	nd	nd
1 mM SA	CHH	1	15077454	15077473	4	-0.280	0.050	9.4E-03	AT1G40104	nd	nd
1 mM SA	CHH	1	15433709	15433741	6	-0.161	0.114	5.7E-03	AT1G40390	nd	nd
1 mM SA	CHH	1	15438833	15438873	8	-0.114	0.084	2.2E-03	AT1G40390	nd	nd
1 mM SA	CHH	1	15645270	15645326	4	-0.187	0.137	5.1E-03	AT1G41875	-Inf	1.0E+00
1 mM SA	CHH	1	15655599	15655607	4	-0.306	0.168	1.7E-03	AT1G41880	1.1	6.1E-03
1 mM SA	CHH	1	15681403	15681417	4	-0.213	0.083	4.2E-03	AT1G41920	nd	nd
1 mM SA	CHH	1	15682255	15682301	10	-0.178	0.088	2.5E-03	AT1G41920	nd	nd
1 mM SA	CHH	1	15758057	15758109	8	-0.189	0.108	3.7E-03	AT1G42190	nd	nd
1 mM SA	CHH	1	15935557	15935601	10	-0.154	0.086	1.9E-03	AT1G42480	0.8	5.4E-02
1 mM SA	CHH	1	15984405	15984444	6	-0.192	0.136	3.9E-03	AT1G42560	-3.0	1.1E-02
1 mM SA	CHH	1	15986166	15986171	4	0.256	0.058	7.2E-04	AT1G42560	-3.0	1.1E-02
1 mM SA	CHH	1	16049417	16049449	8	-0.179	0.121	4.1E-03	AT1G42699	nd	nd
1 mM SA	CHH	1	16053744	16053792	4	-0.178	0.166	4.1E-03	AT1G42699	nd	nd
1 mM SA	CHH	1	16070221	16070349	6	-0.105	0.109	6.6E-03	AT1G42700	nd	nd
1 mM SA	CHH	1	16070873	16070925	4	-0.266	0.152	2.2E-03	AT1G42700	nd	nd
1 mM SA	CHH	1	16079844	16079887	8	-0.138	0.107	1.0E-03	AT1G42710	nd	nd
1 mM SA	CHH	1	16121497	16121545	4	-0.271	0.107	4.5E-03	AT1G42960	0.7	5.2E-02
1 mM SA	CHH	1	16121811	16121927	8	-0.278	0.155	9.9E-03	AT1G42960	0.7	5.2E-02
1 mM SA	CHH	1	16183973	16183989	4	0.394	0.076	5.7E-05	AT1G43040	-0.3	1.0E+00
1 mM SA	CHH	1	16262048	16262057	4	0.269	0.077	2.2E-03	AT1G43160	-0.5	5.8E-01
1 mM SA	CHH	1	16307711	16307741	8	0.259	0.094	5.9E-03	AT1G43245	-1.1	3.4E-02
1 mM SA	CHH	1	16318240	16318328	4	-0.172	0.147	3.2E-03	AT1G43260	nd	nd
1 mM SA	CHH	1	16342321	16342407	4	-0.290	0.024	1.8E-03	AT1G43310	nd	nd
1 mM SA	CHH	1	16349500	16349575	10	-0.119	0.086	1.0E-03	AT1G43310	nd	nd
1 mM SA	CHH	1	16360975	16360984	6	0.236	0.077	3.1E-03	AT1G43330	nd	nd
1 mM SA	CHH	1	16381066	16381127	4	0.209	0.139	1.0E-03	AT1G43415	nd	nd
1 mM SA	CHH	1	16396548	16396606	8	-0.173	0.159	1.3E-03	AT1G43560	1.8	6.9E-11
1 mM SA	CHH	1	16418708	16418717	4	-0.215	0.092	7.6E-03	AT1G43600	-Inf	1.0E+00
1 mM SA	CHH	1	16419439	16419479	8	0.224	0.217	4.3E-03	AT1G43600	-Inf	1.0E+00
1 mM SA	CHH	1	16421124	16421140	6	0.263	0.102	4.4E-04	AT1G43610	nd	nd
1 mM SA	CHH	1	16433818	16433825	4	-0.167	0.108	5.1E-03	AT1G43624	nd	nd
1 mM SA	CHH	1	16455325	16455510	10	-0.119	0.160	7.2E-03	AT1G43665	nd	nd
1 mM SA	CHH	1	16460068	16460074	4	-0.310	0.072	3.5E-03	AT1G43666	nd	nd
1 mM SA	CHH	1	16460085	16460112	6	-0.202	0.120	4.3E-03	AT1G43666	nd	nd
1 mM SA	CHH	1	16499461	16499500	6	-0.206	0.070	5.3E-03	AT1G43722	nd	nd
1 mM SA	CHH	1	16509092	16509107	4	-0.228	0.070	7.8E-04	AT1G43730	nd	nd
1 mM SA	CHH	1	16527554	16527615	6	-0.201	0.151	6.1E-03	AT1G43760	nd	nd
1 mM SA	CHH	1	16562341	16562418	12	-0.129	0.078	8.4E-03	AT1G43780	nd	nd
1 mM SA	CHH	1	16573299	16573308	4	-0.236	0.128	9.8E-03	AT1G43790	1.4	2.8E-03
1 mM SA	CHH	1	16585537	16585549	4	-0.212	0.160	6.1E-03	AT1G43810	-Inf	8.0E-02
1 mM SA	CHH	1	16613495	16613507	4	0.410	0.163	2.1E-03	AT1G43850	-0.5	2.7E-01
1 mM SA	CHH	1	16680235	16680276	4	-0.251	0.063	9.8E-03	AT1G43970	nd	nd
1 mM SA	CHH	1	16680595	16680652	10	-0.255	0.133	4.7E-03	AT1G43970	nd	nd
1 mM SA	CHH	1	16690005	16690043	8	0.215	0.140	3.9E-03	AT1G43980	0.7	4.1E-01
1 mM SA	CHH	1	16691992	16691999	4	-0.221	0.084	9.2E-03	AT1G43980	0.7	4.1E-01
1 mM SA	CHH	1	16710000	16710008	4	0.341	0.034	5.5E-04	AT1G44000	0.5	2.4E-01

1 mM SA	CHH	1	16723762	16723780	6	-0.256	0.076	6.5E-05	AT1G44030	nd	nd
1 mM SA	CHH	1	16731628	16731640	4	-0.199	0.056	8.9E-03	AT1G44030	nd	nd
1 mM SA	CHH	1	16744871	16744891	6	-0.128	0.166	8.7E-03	AT1G44050	nd	nd
1 mM SA	CHH	1	16751607	16751616	4	-0.272	0.046	7.6E-04	AT1G44080	nd	nd
1 mM SA	CHH	1	16765426	16765444	4	0.343	0.169	2.5E-03	AT1G44100	-0.2	6.6E-01
1 mM SA	CHH	1	16773629	16773635	4	-0.141	0.115	7.2E-03	AT1G44110	2.2	1.8E-03
1 mM SA	CHH	1	16793591	16793602	4	-0.306	0.014	4.4E-03	AT1G44160	0.4	5.9E-01
1 mM SA	CHH	1	16793689	16793743	8	-0.112	0.092	7.7E-03	AT1G44160	0.4	5.9E-01
1 mM SA	CHH	1	16815385	16815404	8	-0.196	0.125	7.6E-03	AT1G44191	nd	nd
1 mM SA	CHH	1	16825255	16825314	4	-0.146	0.129	9.0E-03	AT1G44224	nd	nd
1 mM SA	CHH	1	16829519	16829561	10	0.215	0.101	2.1E-03	AT1G44318	nd	nd
1 mM SA	CHH	1	16842960	16842988	6	-0.237	0.101	3.3E-03	AT1G44350	1.1	1.5E-03
1 mM SA	CHH	1	16844586	16844593	4	-0.232	0.135	2.0E-03	AT1G44414	1.1	2.6E-01
1 mM SA	CHH	1	16864950	16864957	4	-0.283	0.015	7.8E-05	AT1G44542	-Inf	6.6E-01
1 mM SA	CHH	1	16864981	16864999	4	-0.305	0.188	3.8E-03	AT1G44542	-Inf	6.6E-01
1 mM SA	CHH	1	16866800	16866813	6	-0.154	0.106	1.2E-03	AT1G44542	-Inf	6.6E-01
1 mM SA	CHH	1	16870455	16870486	6	-0.249	0.117	1.8E-03	AT1G44575	1.6	1.4E-04
1 mM SA	CHH	1	16923253	16923262	4	-0.254	0.058	7.3E-05	AT1G44810	-0.1	7.7E-01
1 mM SA	CHH	1	16936205	16936232	8	0.153	0.129	2.9E-03	AT1G44830	3.9	8.6E-04
1 mM SA	CHH	1	16938637	16938658	8	0.231	0.152	8.7E-03	AT1G44835	1.0	8.4E-03
1 mM SA	CHH	1	16943137	16943179	8	-0.127	0.087	9.4E-03	AT1G44835	1.0	8.4E-03
1 mM SA	CHH	1	16961493	16961504	6	-0.233	0.072	2.2E-03	AT1G44890	-0.7	3.2E-01
1 mM SA	CHH	1	16968186	16968216	6	-0.202	0.079	1.6E-03	AT1G44900	1.0	6.8E-02
1 mM SA	CHH	1	17004814	17004909	8	-0.156	0.116	9.9E-03	AT1G44980	nd	nd
1 mM SA	CHH	1	17004941	17004963	4	-0.264	0.073	5.0E-03	AT1G44980	nd	nd
1 mM SA	CHH	1	17007192	17007230	12	-0.174	0.081	4.0E-03	AT1G44990	nd	nd
1 mM SA	CHH	1	17092340	17092354	4	0.303	0.075	4.1E-04	AT1G45165	-0.3	1.0E+00
1 mM SA	CHH	1	17102217	17102260	12	-0.224	0.150	1.2E-03	AT1G45190	nd	nd
1 mM SA	CHH	1	17111504	17111548	8	-0.317	0.122	3.3E-03	AT1G45191	4.6	5.1E-39
1 mM SA	CHH	1	17116618	17116638	8	0.227	0.069	5.4E-04	AT1G45191	4.6	5.1E-39
1 mM SA	CHH	1	17201953	17201985	6	0.149	0.152	5.9E-03	AT1G45976	-1.5	7.4E-04
1 mM SA	CHH	1	17229203	17229214	4	-0.210	0.057	4.1E-03	AT1G46336	nd	nd
1 mM SA	CHH	1	17262480	17262516	8	-0.205	0.120	7.1E-03	AT1G46696	-Inf	1.0E+00
1 mM SA	CHH	1	17263323	17263365	8	-0.117	0.099	7.3E-03	AT1G46696	-Inf	1.0E+00
1 mM SA	CHH	1	17263466	17263513	4	-0.208	0.118	3.7E-03	AT1G46696	-Inf	1.0E+00
1 mM SA	CHH	1	17278958	17278968	6	-0.242	0.163	3.9E-03	AT1G47056	-0.9	4.2E-02
1 mM SA	CHH	1	17279058	17279069	4	0.219	0.063	3.7E-04	AT1G47056	-0.9	4.2E-02
1 mM SA	CHH	1	17279848	17279857	4	0.249	0.081	8.2E-03	AT1G47056	-0.9	4.2E-02
1 mM SA	CHH	1	17281975	17281984	4	-0.235	0.089	2.5E-03	AT1G47128	-1.3	1.8E-02
1 mM SA	CHH	1	17282595	17282606	6	-0.187	0.093	1.6E-03	AT1G47128	-1.3	1.8E-02
1 mM SA	CHH	1	17289244	17289255	4	-0.241	0.054	2.1E-04	AT1G47128	-1.3	1.8E-02
1 mM SA	CHH	1	17312311	17312344	8	-0.123	0.091	2.0E-03	AT1G47240	0.5	2.7E-01
1 mM SA	CHH	1	17324852	17324856	4	-0.182	0.136	9.4E-03	AT1G47265	nd	nd
1 mM SA	CHH	1	17333365	17333449	6	0.172	0.120	1.3E-03	AT1G47280	nd	nd
1 mM SA	CHH	1	17341298	17341322	4	0.310	0.075	3.6E-04	AT1G47300	nd	nd
1 mM SA	CHH	1	17384489	17384530	8	-0.185	0.107	1.2E-03	AT1G47400	-1.5	1.3E-01
1 mM SA	CHH	1	17448611	17448633	6	-0.291	0.088	3.9E-03	AT1G47530	-0.8	5.6E-02
1 mM SA	CHH	1	17448634	17448667	6	-0.240	0.121	8.1E-03	AT1G47530	-0.8	5.6E-02
1 mM SA	CHH	1	17449853	17449867	6	0.177	0.112	5.5E-03	AT1G47530	-0.8	5.6E-02

1 mM SA	CHH	1	17507108	17507165	12	0.187	0.138	6.1E-04	AT1G47610	nd	nd
1 mM SA	CHH	1	17572028	17572044	6	-0.271	0.133	4.1E-03	AT1G47760	3.8	2.7E-04
1 mM SA	CHH	1	17576088	17576097	4	-0.210	0.075	2.4E-03	AT1G47765	nd	nd
1 mM SA	CHH	1	17607538	17607552	4	0.310	0.143	5.2E-04	AT1G47813	-Inf	1.0E+00
1 mM SA	CHH	1	17611787	17611791	4	-0.288	0.022	2.2E-04	AT1G47820	-0.1	1.0E+00
1 mM SA	CHH	1	17638943	17638998	6	-0.131	0.151	7.1E-03	AT1G47885	nd	nd
1 mM SA	CHH	1	17659763	17659772	4	-0.140	0.163	3.0E-03	AT1G47915	-Inf	1.0E+00
1 mM SA	CHH	1	17678958	17678976	4	-0.212	0.092	3.6E-03	AT1G47960	-1.2	7.9E-03
1 mM SA	CHH	1	17679148	17679171	6	-0.236	0.075	1.6E-03	AT1G47960	-1.2	7.9E-03
1 mM SA	CHH	1	17685868	17685894	8	-0.158	0.113	8.7E-03	AT1G47970	-1.1	6.0E-03
1 mM SA	CHH	1	17686097	17686114	6	-0.228	0.075	1.4E-03	AT1G47970	-1.1	6.0E-03
1 mM SA	CHH	1	17710397	17710412	4	-0.283	0.067	3.7E-04	AT1G48010	nd	nd
1 mM SA	CHH	1	17758999	17759033	4	0.425	0.119	1.2E-03	AT1G48090	-0.3	4.1E-01
1 mM SA	CHH	1	17812342	17812349	4	-0.399	0.079	1.3E-04	AT1G48240	1.1	8.6E-03
1 mM SA	CHH	1	17813598	17813617	4	0.392	0.098	2.7E-03	AT1G48240	1.1	8.6E-03
1 mM SA	CHH	1	17831366	17831372	4	-0.224	0.072	1.0E-03	AT1G48270	0.0	9.3E-01
1 mM SA	CHH	1	17873925	17873966	4	-0.291	0.141	5.4E-03	AT1G48370	-0.4	6.5E-01
1 mM SA	CHH	1	17901266	17901306	4	0.185	0.106	9.4E-03	AT1G48420	0.1	9.0E-01
1 mM SA	CHH	1	17937940	17937960	6	-0.284	0.098	1.3E-03	AT1G48520	1.6	1.7E-07
1 mM SA	CHH	1	18005848	18005871	4	-0.319	0.047	9.0E-03	AT1G48690	nd	nd
1 mM SA	CHH	1	18007209	18007218	4	-0.255	0.023	3.8E-03	AT1G48690	nd	nd
1 mM SA	CHH	1	18007235	18007261	8	-0.242	0.142	3.0E-03	AT1G48690	nd	nd
1 mM SA	CHH	1	18010265	18010277	4	0.236	0.050	1.7E-03	AT1G48690	nd	nd
1 mM SA	CHH	1	18013936	18013976	6	-0.178	0.118	7.3E-03	AT1G48700	nd	nd
1 mM SA	CHH	1	18214191	18214208	8	-0.206	0.105	6.2E-03	AT1G49240	-1.4	3.4E-03
1 mM SA	CHH	1	18287515	18287613	8	-0.219	0.126	6.3E-03	AT1G49410	0.2	7.1E-01
1 mM SA	CHH	1	18297481	18297508	8	-0.197	0.122	3.5E-03	AT1G49435	nd	nd
1 mM SA	CHH	1	18297604	18297645	10	-0.344	0.080	4.7E-05	AT1G49435	nd	nd
1 mM SA	CHH	1	18303745	18303772	4	0.248	0.088	1.3E-03	AT1G49450	2.5	4.0E-07
1 mM SA	CHH	1	18304461	18304493	10	-0.278	0.062	2.0E-03	AT1G49450	2.5	4.0E-07
1 mM SA	CHH	1	18386414	18386428	4	-0.302	0.202	8.9E-03	AT1G49670	-0.6	1.7E-01
1 mM SA	CHH	1	18450372	18450396	6	0.214	0.130	6.2E-03	AT1G49840	0.3	4.9E-01
1 mM SA	CHH	1	18456835	18456845	4	-0.207	0.101	8.9E-03	AT1G49850	-0.6	3.2E-01
1 mM SA	CHH	1	18458242	18458306	6	-0.208	0.098	1.5E-03	AT1G49860	nd	nd
1 mM SA	CHH	1	18549534	18549561	8	-0.218	0.093	4.9E-03	AT1G50060	nd	nd
1 mM SA	CHH	1	18626821	18626846	4	0.276	0.103	2.1E-03	AT1G50280	2.3	3.5E-10
1 mM SA	CHH	1	18632727	18632742	4	-0.302	0.061	1.4E-03	AT1G50300	-0.7	8.9E-02
1 mM SA	CHH	1	18641164	18641208	4	0.196	0.178	3.5E-03	AT1G50325	nd	nd
1 mM SA	CHH	1	18642003	18642030	4	-0.209	0.147	4.4E-04	AT1G50325	nd	nd
1 mM SA	CHH	1	18698458	18698501	14	-0.208	0.131	4.0E-03	AT1G50470	nd	nd
1 mM SA	CHH	1	18745294	18745300	4	-0.310	0.059	5.4E-04	AT1G50610	nd	nd
1 mM SA	CHH	1	18745317	18745329	4	0.213	0.151	5.2E-03	AT1G50610	nd	nd
1 mM SA	CHH	1	18746115	18746123	4	0.281	0.094	8.0E-03	AT1G50620	-0.6	2.5E-01
1 mM SA	CHH	1	18791519	18791536	4	0.250	0.066	5.9E-04	AT1G50720	nd	nd
1 mM SA	CHH	1	18816737	18816759	6	0.144	0.106	5.0E-03	AT1G50760	nd	nd
1 mM SA	CHH	1	18895110	18895119	4	0.339	0.067	1.0E-03	AT1G50970	-0.4	4.8E-01
1 mM SA	CHH	1	18925009	18925043	12	-0.132	0.092	3.3E-03	AT1G51055	Inf	2.7E-01
1 mM SA	CHH	1	18930888	18930918	4	-0.284	0.080	7.5E-04	AT1G51080	3.0	4.6E-21
1 mM SA	CHH	1	18966027	18966066	8	-0.192	0.147	2.1E-03	AT1G51172	nd	nd

1 mM SA	CHH	1	18967068	18967078	4	-0.253	0.053	8.0E-03	AT1G51172	nd	nd
1 mM SA	CHH	1	18980846	18980877	6	0.239	0.072	6.2E-03	AT1G51200	-1.0	3.5E-02
1 mM SA	CHH	1	18981332	18981345	4	0.368	0.149	9.5E-05	AT1G51200	-1.0	3.5E-02
1 mM SA	CHH	1	19026924	19026931	4	0.272	0.032	2.8E-04	AT1G51320	nd	nd
1 mM SA	CHH	1	19198149	19198209	14	-0.211	0.072	2.1E-04	AT1G51760	-1.1	1.0E-02
1 mM SA	CHH	1	19247969	19248012	12	-0.197	0.094	2.4E-03	AT1G51830	nd	nd
1 mM SA	CHH	1	19268356	19268407	8	-0.162	0.078	4.4E-04	AT1G51870	nd	nd
1 mM SA	CHH	1	19304092	19304133	6	-0.324	0.085	1.9E-03	AT1G51950	-0.8	8.3E-02
1 mM SA	CHH	1	19318255	19318285	4	-0.294	0.161	7.0E-03	AT1G51970	nd	nd
1 mM SA	CHH	1	19327364	19327373	4	-0.226	0.072	4.0E-04	AT1G51980	-0.2	5.9E-01
1 mM SA	CHH	1	19336362	19336402	6	-0.138	0.096	1.6E-03	AT1G52000	0.8	4.2E-02
1 mM SA	CHH	1	19339730	19339781	8	-0.143	0.096	2.2E-03	AT1G52000	0.8	4.2E-02
1 mM SA	CHH	1	19380867	19380906	8	0.242	0.086	8.0E-04	AT1G52100	nd	nd
1 mM SA	CHH	1	19388213	19388232	6	0.262	0.090	5.0E-03	AT1G52110	-Inf	4.4E-01
1 mM SA	CHH	1	19393207	19393244	4	0.356	0.195	3.0E-04	AT1G52110	-Inf	4.4E-01
1 mM SA	CHH	1	19393361	19393386	4	0.241	0.086	4.8E-03	AT1G52110	-Inf	4.4E-01
1 mM SA	CHH	1	19404567	19404594	6	0.304	0.079	4.8E-04	AT1G52130	nd	nd
1 mM SA	CHH	1	19426869	19426876	4	0.229	0.079	5.1E-03	AT1G52180	nd	nd
1 mM SA	CHH	1	19426991	19427041	14	-0.210	0.120	3.4E-03	AT1G52180	nd	nd
1 mM SA	CHH	1	19577562	19577661	8	-0.176	0.165	7.5E-03	AT1G52560	-Inf	2.3E-03
1 mM SA	CHH	1	19593744	19593755	4	0.256	0.054	2.3E-03	AT1G52600	-0.5	3.1E-01
1 mM SA	CHH	1	19630771	19630820	14	0.242	0.095	3.5E-03	AT1G52700	2.1	1.9E-03
1 mM SA	CHH	1	19728895	19728933	4	-0.199	0.119	6.5E-03	AT1G52950	-0.7	8.0E-01
1 mM SA	CHH	1	19733209	19733224	4	-0.277	0.045	5.8E-03	AT1G52970	nd	nd
1 mM SA	CHH	1	19744242	19744265	10	-0.266	0.072	2.1E-04	AT1G52990	0.7	4.0E-01
1 mM SA	CHH	1	19769450	19769498	4	-0.324	0.173	1.6E-03	AT1G53040	1.5	7.4E-05
1 mM SA	CHH	1	19780723	19780735	4	-0.284	0.069	7.8E-03	AT1G53080	5.4	5.6E-06
1 mM SA	CHH	1	19781095	19781101	4	-0.213	0.112	5.5E-03	AT1G53080	5.4	5.6E-06
1 mM SA	CHH	1	19798958	19798969	4	-0.334	0.110	6.6E-05	AT1G53140	1.0	3.5E-01
1 mM SA	CHH	1	19861468	19861493	8	-0.213	0.046	9.8E-05	AT1G53265	nd	nd
1 mM SA	CHH	1	19861521	19861529	4	-0.197	0.073	6.0E-03	AT1G53265	nd	nd
1 mM SA	CHH	1	19994352	19994377	4	-0.286	0.026	4.3E-04	AT1G53580	-1.4	2.9E-03
1 mM SA	CHH	1	20016263	20016269	4	0.354	0.014	4.5E-08	AT1G53625	-2.6	3.5E-09
1 mM SA	CHH	1	20027661	20027695	14	0.712	0.128	1.7E-05	AT1G53645	0.3	5.9E-01
1 mM SA	CHH	1	20154165	20154221	6	0.366	0.148	1.7E-03	AT1G54000	2.6	1.8E-01
1 mM SA	CHH	1	20186917	20186958	8	0.656	0.073	3.1E-07	AT1G54080	0.5	1.8E-01
1 mM SA	CHH	1	20186963	20186979	4	0.920	0.092	2.3E-09	AT1G54080	0.5	1.8E-01
1 mM SA	CHH	1	20194599	20194619	4	0.199	0.101	6.5E-04	AT1G54095	-2.5	2.9E-02
1 mM SA	CHH	1	20226671	20226677	4	0.309	0.058	1.5E-04	AT1G54180	2.0	1.5E-05
1 mM SA	CHH	1	20312049	20312059	4	-0.200	0.126	2.2E-03	AT1G54420	nd	nd
1 mM SA	CHH	1	20316285	20316308	4	-0.253	0.102	8.3E-03	AT1G54420	nd	nd
1 mM SA	CHH	1	20489147	20489221	4	0.177	0.108	3.9E-03	AT1G54950	nd	nd
1 mM SA	CHH	1	20684360	20684385	8	-0.212	0.123	5.7E-03	AT1G55390	-2.6	5.0E-01
1 mM SA	CHH	1	20686551	20686628	10	0.216	0.184	8.0E-03	AT1G55390	-2.6	5.0E-01
1 mM SA	CHH	1	20687372	20687381	6	-0.222	0.080	4.5E-03	AT1G55390	-2.6	5.0E-01
1 mM SA	CHH	1	20697241	20697249	4	-0.332	0.033	2.2E-03	AT1G55430	-2.6	5.0E-01
1 mM SA	CHH	1	20703942	20703979	14	-0.219	0.100	3.4E-03	AT1G55440	-Inf	6.6E-01
1 mM SA	CHH	1	20815856	20815871	4	-0.249	0.074	1.5E-03	AT1G55690	1.0	9.2E-03
1 mM SA	CHH	1	20820116	20820134	6	0.190	0.091	9.3E-03	AT1G55700	nd	nd

1 mM SA	CHH	1	20827317	20827330	4	-0.255	0.085	3.0E-04	AT1G55710	nd	nd
1 mM SA	CHH	1	20914208	20914213	4	0.384	0.110	2.6E-03	AT1G55920	-1.5	2.8E-04
1 mM SA	CHH	1	21035094	21035101	4	-0.623	0.154	2.8E-05	AT1G56210	0.8	1.3E-01
1 mM SA	CHH	1	21081937	21081960	4	0.296	0.158	4.2E-03	AT1G56310	0.6	1.3E-01
1 mM SA	CHH	1	21144788	21144795	4	0.175	0.081	9.0E-03	AT1G56460	-1.1	1.4E-02
1 mM SA	CHH	1	21210283	21210290	4	0.317	0.088	1.4E-03	AT1G56610	-0.7	1.4E-01
1 mM SA	CHH	1	21228897	21228903	4	-0.249	0.069	2.1E-03	AT1G56630	-Inf	1.0E+00
1 mM SA	CHH	1	21244379	21244469	12	-0.231	0.160	6.1E-03	AT1G56670	3.3	3.4E-13
1 mM SA	CHH	1	21260745	21260803	6	-0.248	0.160	1.2E-03	AT1G56710	0.7	5.0E-01
1 mM SA	CHH	1	21336281	21336402	14	-0.103	0.107	4.5E-03	AT1G57600	0.7	5.8E-02
1 mM SA	CHH	1	21390288	21390394	30	-0.192	0.108	9.1E-03	AT1G57760	nd	nd
1 mM SA	CHH	1	21452195	21452215	4	-0.339	0.130	3.6E-03	AT1G58007	5.0	8.0E-05
1 mM SA	CHH	1	21457304	21457320	4	-0.188	0.092	2.7E-03	AT1G58025	0.1	8.2E-01
1 mM SA	CHH	1	21470996	21471031	6	-0.236	0.139	6.2E-03	AT1G58030	-2.1	4.8E-06
1 mM SA	CHH	1	21472113	21472118	4	-0.192	0.081	4.4E-03	AT1G58037	nd	nd
1 mM SA	CHH	1	21514958	21514973	4	-0.186	0.115	5.0E-03	AT1G58100	-0.6	2.0E-01
1 mM SA	CHH	1	21586245	21586282	6	0.224	0.075	8.1E-03	AT1G58248	nd	nd
1 mM SA	CHH	1	21638110	21638131	4	-0.324	0.153	6.7E-03	AT1G58320	nd	nd
1 mM SA	CHH	1	21640725	21640737	4	-0.225	0.068	4.0E-04	AT1G58330	nd	nd
1 mM SA	CHH	1	21744112	21744127	6	-0.290	0.085	1.3E-03	AT1G58602	-0.9	4.4E-02
1 mM SA	CHH	1	21744929	21744934	4	-0.158	0.101	5.8E-03	AT1G58602	-0.9	4.4E-02
1 mM SA	CHH	1	21749184	21749251	10	-0.170	0.101	3.0E-03	AT1G58602	-0.9	4.4E-02
1 mM SA	CHH	1	21853714	21853729	6	-0.156	0.083	7.6E-03	AT1G59453	nd	nd
1 mM SA	CHH	1	21853742	21853756	6	-0.254	0.104	5.1E-03	AT1G59453	nd	nd
1 mM SA	CHH	1	21918723	21918793	4	-0.351	0.106	6.8E-04	AT1G59650	-0.5	3.6E-01
1 mM SA	CHH	1	21957934	21957945	4	-0.259	0.039	5.4E-04	AT1G59730	-Inf	4.4E-01
1 mM SA	CHH	1	21991297	21991302	4	-0.399	0.049	4.4E-04	AT1G59760	-0.5	2.1E-01
1 mM SA	CHH	1	21992956	21992974	8	-0.274	0.038	2.2E-03	AT1G59760	-0.5	2.1E-01
1 mM SA	CHH	1	21996145	21996152	4	0.245	0.051	3.3E-03	AT1G59780	-Inf	1.0E+00
1 mM SA	CHH	1	21996172	21996200	4	0.271	0.188	2.1E-03	AT1G59780	-Inf	1.0E+00
1 mM SA	CHH	1	22089160	22089185	8	-0.187	0.064	4.2E-03	AT1G59990	1.3	1.0E-04
1 mM SA	CHH	1	22112861	22112879	4	-0.265	0.124	6.0E-03	AT1G60030	0.8	2.3E-01
1 mM SA	CHH	1	22113124	22113141	6	0.205	0.076	3.9E-03	AT1G60030	0.8	2.3E-01
1 mM SA	CHH	1	22162496	22162512	4	-0.214	0.072	6.3E-04	AT1G60095	nd	nd
1 mM SA	CHH	1	22163560	22163635	6	-0.193	0.153	1.6E-03	AT1G60095	nd	nd
1 mM SA	CHH	1	22165471	22165487	4	0.248	0.202	6.8E-03	AT1G60110	-0.1	1.0E+00
1 mM SA	CHH	1	22166350	22166375	6	-0.223	0.080	7.7E-03	AT1G60110	-0.1	1.0E+00
1 mM SA	CHH	1	22261393	22261461	12	-0.254	0.163	3.4E-03	AT1G60420	-1.8	2.2E-05
1 mM SA	CHH	1	22443631	22443637	4	-0.242	0.101	7.4E-03	AT1G60950	1.5	1.1E-04
1 mM SA	CHH	1	22447380	22447393	6	0.313	0.097	7.0E-04	AT1G60960	-1.5	2.9E-03
1 mM SA	CHH	1	22452000	22452007	4	-0.187	0.108	4.5E-03	AT1G60980	nd	nd
1 mM SA	CHH	1	22618232	22618255	6	-0.156	0.118	7.6E-03	AT1G61320	-Inf	4.4E-01
1 mM SA	CHH	1	22627431	22627434	4	-0.221	0.070	7.9E-03	AT1G61340	1.3	8.5E-06
1 mM SA	CHH	1	22698381	22698401	4	-0.258	0.070	1.8E-03	AT1G61520	1.7	7.4E-04
1 mM SA	CHH	1	22777499	22777505	4	-0.252	0.048	9.4E-04	AT1G61680	2.3	2.1E-01
1 mM SA	CHH	1	22795909	22795927	4	-0.232	0.073	5.8E-03	AT1G61730	0.2	7.0E-01
1 mM SA	CHH	1	22829021	22829033	6	-0.284	0.048	2.1E-03	AT1G61810	-5.2	2.0E-16
1 mM SA	CHH	1	22850191	22850205	8	0.173	0.089	4.3E-03	AT1G61840	nd	nd
1 mM SA	CHH	1	22854233	22854241	4	-0.226	0.078	1.6E-03	AT1G61850	-0.6	1.1E-01

1 mM SA	CHH	1	22872316	22872346	4	-0.216	0.076	1.8E-03	AT1G61890	1.5	8.4E-07
1 mM SA	CHH	1	22889106	22889120	6	0.371	0.067	4.1E-03	AT1G61920	nd	nd
1 mM SA	CHH	1	22889396	22889431	8	-0.145	0.122	5.3E-03	AT1G61920	nd	nd
1 mM SA	CHH	1	22890554	22890566	4	-0.245	0.040	2.6E-03	AT1G61920	nd	nd
1 mM SA	CHH	1	22890671	22890702	6	-0.189	0.102	1.3E-03	AT1G61920	nd	nd
1 mM SA	CHH	1	22992773	22992789	4	-0.277	0.050	4.4E-03	AT1G62240	-0.9	5.0E-01
1 mM SA	CHH	1	22993611	22993620	4	0.478	0.060	1.6E-03	AT1G62240	-0.9	5.0E-01
1 mM SA	CHH	1	23118293	23118325	4	-0.196	0.121	7.2E-03	AT1G62450	-Inf	1.0E+00
1 mM SA	CHH	1	23140596	23140603	4	-0.272	0.109	7.5E-03	AT1G62510	3.9	5.1E-28
1 mM SA	CHH	1	23140607	23140612	4	-0.270	0.051	3.9E-05	AT1G62510	3.9	5.1E-28
1 mM SA	CHH	1	23152999	23153022	4	0.297	0.156	4.6E-03	AT1G62540	1.8	2.3E-03
1 mM SA	CHH	1	23173512	23173553	4	-0.243	0.064	8.1E-03	AT1G62580	-Inf	3.5E-05
1 mM SA	CHH	1	23174655	23174671	4	-0.453	0.137	2.2E-04	AT1G62580	-Inf	3.5E-05
1 mM SA	CHH	1	23174883	23174901	4	-0.398	0.066	4.3E-03	AT1G62580	-Inf	3.5E-05
1 mM SA	CHH	1	23190865	23190876	4	0.283	0.046	2.1E-03	AT1G62640	1.6	1.3E-05
1 mM SA	CHH	1	23190996	23191013	4	-0.247	0.034	3.9E-03	AT1G62640	1.6	1.3E-05
1 mM SA	CHH	1	23212469	23212483	4	-0.339	0.045	1.6E-03	AT1G62690	1.2	4.8E-01
1 mM SA	CHH	1	23214856	23214913	4	-0.260	0.067	2.6E-03	AT1G62700	0.9	7.7E-01
1 mM SA	CHH	1	23242063	23242107	6	-0.212	0.077	7.2E-03	AT1G62760	-4.9	1.2E-08
1 mM SA	CHH	1	23247021	23247024	4	-0.211	0.107	8.7E-03	AT1G62770	1.4	7.7E-02
1 mM SA	CHH	1	23247049	23247072	10	-0.189	0.066	4.7E-03	AT1G62770	1.4	7.7E-02
1 mM SA	CHH	1	23296514	23296628	6	-0.290	0.161	5.0E-03	AT1G62900	-Inf	3.1E-01
1 mM SA	CHH	1	23321619	23321643	6	-0.200	0.095	6.2E-03	AT1G62960	-0.7	8.3E-02
1 mM SA	CHH	1	23640297	23640325	6	-0.209	0.065	6.4E-03	AT1G63730	0.6	3.4E-01
1 mM SA	CHH	1	23710173	23710182	4	0.332	0.073	1.6E-04	AT1G63870	0.1	8.3E-01
1 mM SA	CHH	1	23723655	23723689	12	-0.178	0.101	5.4E-03	AT1G63910	0.9	7.7E-01
1 mM SA	CHH	1	23861883	23861924	8	-0.169	0.106	1.5E-03	AT1G64300	-0.3	7.5E-01
1 mM SA	CHH	1	23862017	23862031	6	-0.220	0.147	4.1E-03	AT1G64300	-0.3	7.5E-01
1 mM SA	CHH	1	23929768	23929881	8	-0.172	0.095	3.8E-03	AT1G64430	-0.1	8.5E-01
1 mM SA	CHH	1	23940595	23940606	4	-0.259	0.082	5.7E-04	AT1G64450	0.1	1.0E+00
1 mM SA	CHH	1	24104862	24104874	4	-0.226	0.095	4.3E-03	AT1G64880	1.5	3.9E-05
1 mM SA	CHH	1	24245675	24245742	30	0.397	0.090	1.5E-04	AT1G65280	-0.9	3.4E-02
1 mM SA	CHH	1	24350762	24350800	12	-0.158	0.127	8.0E-03	AT1G65486	-1.4	1.0E-02
1 mM SA	CHH	1	24351042	24351055	4	-0.220	0.133	7.1E-03	AT1G65486	-1.4	1.0E-02
1 mM SA	CHH	1	24352856	24352863	4	-0.222	0.098	6.0E-03	AT1G65490	-0.7	8.3E-02
1 mM SA	CHH	1	24353454	24353479	4	-0.250	0.103	3.2E-03	AT1G65490	-0.7	8.3E-02
1 mM SA	CHH	1	24354081	24354131	4	-0.322	0.240	1.8E-03	AT1G65490	-0.7	8.3E-02
1 mM SA	CHH	1	24385143	24385148	4	-0.227	0.050	9.3E-05	AT1G65590	0.6	8.0E-02
1 mM SA	CHH	1	24429041	24429057	4	-0.335	0.061	1.6E-04	AT1G65681	nd	nd
1 mM SA	CHH	1	24441391	24441412	8	0.273	0.078	3.6E-04	AT1G65720	-0.7	2.0E-01
1 mM SA	CHH	1	24447480	24447490	6	-0.171	0.090	4.1E-03	AT1G65730	-3.4	7.3E-05
1 mM SA	CHH	1	24484428	24484448	4	-0.236	0.230	6.6E-04	AT1G65820	-1.0	3.9E-02
1 mM SA	CHH	1	24508226	24508248	6	-0.186	0.105	8.6E-03	AT1G65880	Inf	6.7E-02
1 mM SA	CHH	1	24605580	24605597	6	-0.269	0.116	2.6E-03	AT1G66100	2.2	2.9E-15
1 mM SA	CHH	1	24645784	24645792	4	-0.229	0.099	9.5E-04	AT1G66180	0.1	7.4E-01
1 mM SA	CHH	1	24691850	24691885	6	0.336	0.024	5.1E-04	AT1G66250	0.1	9.0E-01
1 mM SA	CHH	1	24705406	24705433	6	-0.190	0.063	5.5E-04	AT1G66270	nd	nd
1 mM SA	CHH	1	24721349	24721371	8	-0.296	0.077	1.0E-04	AT1G66310	Inf	5.3E-01
1 mM SA	CHH	1	24741203	24741222	4	0.287	0.056	1.5E-03	AT1G66345	-0.2	8.8E-01

1 mM SA	CHH	1	24742119	24742126	4	0.252	0.059	6.8E-04	AT1G66345	-0.2	8.8E-01
1 mM SA	CHH	1	24776644	24776650	4	-0.210	0.131	4.8E-03	AT1G66420	nd	nd
1 mM SA	CHH	1	24831739	24831747	4	-0.381	0.111	1.2E-03	AT1G66553	nd	nd
1 mM SA	CHH	1	24838806	24838823	6	-0.307	0.104	9.0E-03	AT1G66580	-0.8	7.4E-02
1 mM SA	CHH	1	24908513	24908527	6	-0.177	0.092	9.5E-03	AT1G66780	4.0	7.5E-05
1 mM SA	CHH	1	25095888	25095894	4	-0.280	0.071	8.3E-04	AT1G67120	0.8	5.5E-02
1 mM SA	CHH	1	25098987	25099016	10	-0.260	0.094	1.1E-03	AT1G67130	nd	nd
1 mM SA	CHH	1	25158993	25159014	4	0.217	0.115	3.8E-03	AT1G67230	-0.1	6.7E-01
1 mM SA	CHH	1	25159099	25159140	8	-0.217	0.088	2.9E-03	AT1G67230	-0.1	6.7E-01
1 mM SA	CHH	1	25161569	25161582	6	-0.154	0.137	1.3E-03	AT1G67250	-0.3	6.0E-01
1 mM SA	CHH	1	25163403	25163416	4	-0.204	0.189	6.8E-03	AT1G67250	-0.3	6.0E-01
1 mM SA	CHH	1	25180164	25180175	4	-0.349	0.167	5.2E-03	AT1G67265	1.3	9.6E-03
1 mM SA	CHH	1	25247609	25247622	4	0.376	0.037	1.3E-06	AT1G67390	nd	nd
1 mM SA	CHH	1	25400553	25400603	14	-0.159	0.090	5.5E-03	AT1G67750	5.4	4.5E-36
1 mM SA	CHH	1	25401374	25401391	6	-0.210	0.160	6.8E-03	AT1G67750	5.4	4.5E-36
1 mM SA	CHH	1	25660094	25660100	4	-0.279	0.077	6.8E-04	AT1G68440	-3.8	2.6E-16
1 mM SA	CHH	1	25660159	25660168	4	-0.253	0.102	3.1E-03	AT1G68450	-Inf	3.5E-10
1 mM SA	CHH	1	25722902	25722933	4	-0.193	0.071	7.3E-03	AT1G68540	1.6	7.4E-05
1 mM SA	CHH	1	25723398	25723477	6	0.270	0.104	9.9E-03	AT1G68540	1.6	7.4E-05
1 mM SA	CHH	1	25973933	25973945	4	-0.216	0.077	1.8E-03	AT1G69080	2.1	4.7E-03
1 mM SA	CHH	1	26084215	26084249	6	0.191	0.138	7.6E-03	AT1G69390	0.5	1.8E-01
1 mM SA	CHH	1	26104744	26104768	10	0.647	0.068	6.4E-09	AT1G69440	0.1	9.4E-01
1 mM SA	CHH	1	26344013	26344048	6	-0.222	0.131	7.6E-03	AT1G69940	nd	nd
1 mM SA	CHH	1	26366835	26366880	10	-0.245	0.146	5.9E-03	AT1G70000	-1.3	1.4E-03
1 mM SA	CHH	1	26368103	26368118	4	-0.239	0.091	1.8E-03	AT1G70000	-1.3	1.4E-03
1 mM SA	CHH	1	26368546	26368567	6	0.216	0.134	6.1E-03	AT1G70000	-1.3	1.4E-03
1 mM SA	CHH	1	26374572	26374582	4	-0.215	0.064	1.0E-03	AT1G70020	1.4	3.5E-02
1 mM SA	CHH	1	26380929	26380952	8	-0.223	0.105	6.1E-03	AT1G70040	Inf	5.3E-01
1 mM SA	CHH	1	26551933	26551954	6	-0.250	0.107	4.9E-03	AT1G70450	-Inf	1.0E+00
1 mM SA	CHH	1	26771465	26771493	6	0.145	0.137	7.2E-04	AT1G71000	0.2	1.0E+00
1 mM SA	CHH	1	26779991	26780040	6	-0.511	0.113	5.2E-04	AT1G71010	-0.1	9.0E-01
1 mM SA	CHH	1	26780046	26780054	4	-0.370	0.037	2.4E-03	AT1G71010	-0.1	9.0E-01
1 mM SA	CHH	1	27440625	27440651	10	-0.283	0.048	6.5E-03	AT1G72930	-0.4	4.2E-01
1 mM SA	CHH	1	27440656	27440720	16	-0.282	0.081	2.6E-04	AT1G72930	-0.4	4.2E-01
1 mM SA	CHH	1	27635377	27635384	4	0.204	0.134	7.6E-03	AT1G73490	0.2	7.7E-01
1 mM SA	CHH	1	27859881	27859886	4	-0.331	0.053	6.6E-04	AT1G74090	0.5	3.8E-01
1 mM SA	CHH	1	27860717	27860724	4	-0.337	0.178	1.2E-03	AT1G74090	0.5	3.8E-01
1 mM SA	CHH	1	27932647	27932653	4	-0.200	0.070	6.4E-04	AT1G74290	-3.7	5.5E-07
1 mM SA	CHH	1	27933620	27933634	4	-0.308	0.043	1.6E-04	AT1G74290	-3.7	5.5E-07
1 mM SA	CHH	1	28105530	28105542	4	0.138	0.102	5.1E-03	AT1G74800	0.2	6.6E-01
1 mM SA	CHH	1	28161588	28161614	10	-0.220	0.088	1.0E-03	AT1G74990	-Inf	4.4E-01
1 mM SA	CHH	1	28161633	28161638	4	-0.435	0.077	1.3E-03	AT1G74990	-Inf	4.4E-01
1 mM SA	CHH	1	28162181	28162194	4	0.272	0.088	6.2E-05	AT1G75000	-2.8	3.3E-09
1 mM SA	CHH	1	28259371	28259381	4	-0.365	0.038	5.4E-04	AT1G75310	0.6	1.4E-01
1 mM SA	CHH	1	28259392	28259401	4	-0.176	0.103	9.8E-03	AT1G75310	0.6	1.4E-01
1 mM SA	CHH	1	28312041	28312117	12	-0.173	0.096	6.5E-03	AT1G75440	0.3	3.8E-01
1 mM SA	CHH	1	28470273	28470290	6	0.165	0.081	8.1E-03	AT1G75830	nd	nd
1 mM SA	CHH	1	28470524	28470572	8	-0.228	0.119	2.3E-03	AT1G75830	nd	nd
1 mM SA	CHH	1	28522342	28522356	4	-0.247	0.106	5.7E-03	AT1G75980	-0.2	8.0E-01

1 mM SA	CHH	1	28593090	28593104	4	0.316	0.091	6.6E-04	AT1G76200	0.1	8.9E-01
1 mM SA	CHH	1	28789196	28789207	4	-0.221	0.074	2.5E-04	AT1G76705	-1.9	2.1E-02
1 mM SA	CHH	1	28815588	28815602	6	-0.279	0.062	2.2E-03	AT1G76780	0.1	9.7E-01
1 mM SA	CHH	1	28815832	28815845	4	-0.258	0.061	7.8E-05	AT1G76780	0.1	9.7E-01
1 mM SA	CHH	1	28843264	28843281	4	0.348	0.065	6.0E-04	AT1G76830	nd	nd
1 mM SA	CHH	1	28913377	28913430	6	0.193	0.111	3.4E-03	AT1G76952	Inf	1.1E-02
1 mM SA	CHH	1	28935953	28935965	4	0.254	0.079	6.6E-04	AT1G76994	nd	nd
1 mM SA	CHH	1	29002474	29002480	4	-0.296	0.103	1.0E-03	AT1G77180	-0.9	4.9E-02
1 mM SA	CHH	1	29002481	29002489	4	-0.237	0.116	1.5E-03	AT1G77180	-0.9	4.9E-02
1 mM SA	CHH	1	29002495	29002511	4	-0.278	0.061	2.9E-03	AT1G77180	-0.9	4.9E-02
1 mM SA	CHH	1	29250143	29250159	6	-0.224	0.071	1.0E-03	AT1G77780	nd	nd
1 mM SA	CHH	1	29263906	29263931	6	-0.273	0.060	6.9E-03	AT1G777815	nd	nd
1 mM SA	CHH	1	29319495	29319540	8	0.159	0.110	1.6E-03	AT1G77990	-0.5	3.6E-01
1 mM SA	CHH	1	29377064	29377076	4	-0.324	0.079	4.4E-04	AT1G78090	4.6	3.8E-13
1 mM SA	CHH	1	29377101	29377119	4	-0.207	0.074	6.3E-03	AT1G78090	4.6	3.8E-13
1 mM SA	CHH	1	29475361	29475487	6	-0.198	0.062	4.3E-03	AT1G78340	-Inf	2.8E-03
1 mM SA	CHH	1	29477158	29477188	4	-0.321	0.110	3.5E-04	AT1G78340	-Inf	2.8E-03
1 mM SA	CHH	1	29590343	29590365	6	-0.215	0.182	8.4E-03	AT1G78670	-1.6	3.9E-04
1 mM SA	CHH	1	29611739	29611749	4	-0.225	0.095	3.4E-03	AT1G78740	nd	nd
1 mM SA	CHH	1	29769177	29769190	4	-0.256	0.033	4.1E-04	AT1G79120	-0.3	8.7E-01
1 mM SA	CHH	2	111474	111543	4	0.349	0.065	2.0E-03	AT2G01180	0.2	3.9E-01
1 mM SA	CHH	2	178386	178392	4	-0.227	0.057	3.9E-04	AT2G01410	-0.8	8.6E-02
1 mM SA	CHH	2	205227	205238	4	-0.257	0.043	1.3E-03	AT2G01460	-1.1	1.6E-02
1 mM SA	CHH	2	238406	238412	4	-0.268	0.032	5.8E-03	AT2G01530	-Inf	6.6E-01
1 mM SA	CHH	2	254230	254238	4	-0.331	0.050	7.2E-05	AT2G01560	nd	nd
1 mM SA	CHH	2	254393	254401	4	-0.202	0.137	4.3E-03	AT2G01560	nd	nd
1 mM SA	CHH	2	266170	266177	4	-0.294	0.050	9.8E-05	AT2G01580	nd	nd
1 mM SA	CHH	2	292733	292767	10	-0.179	0.121	8.1E-03	AT2G01660	0.2	8.4E-01
1 mM SA	CHH	2	293146	293194	10	0.281	0.119	4.0E-03	AT2G01660	0.2	8.4E-01
1 mM SA	CHH	2	324240	324250	4	-0.268	0.109	1.1E-03	AT2G01735	-0.5	4.2E-01
1 mM SA	CHH	2	362581	362661	14	-0.186	0.101	9.4E-04	AT2G01820	0.6	1.3E-01
1 mM SA	CHH	2	374280	374310	6	-0.191	0.096	1.8E-03	AT2G01830	2.0	4.5E-10
1 mM SA	CHH	2	400165	400208	12	-0.277	0.099	5.6E-04	AT2G01890	0.3	7.5E-01
1 mM SA	CHH	2	402845	402859	6	-0.308	0.128	4.5E-03	AT2G01900	nd	nd
1 mM SA	CHH	2	424753	424769	6	0.274	0.100	8.1E-03	AT2G01918	2.6	2.8E-22
1 mM SA	CHH	2	448302	448345	16	-0.108	0.084	5.8E-03	AT2G01960	0.7	3.5E-01
1 mM SA	CHH	2	455777	455790	4	-0.288	0.100	3.3E-03	AT2G01970	0.1	9.0E-01
1 mM SA	CHH	2	455809	455821	4	0.340	0.175	8.6E-04	AT2G01970	0.1	9.0E-01
1 mM SA	CHH	2	472371	472391	6	-0.323	0.091	6.1E-03	AT2G02000	nd	nd
1 mM SA	CHH	2	500001	500023	6	0.246	0.151	1.4E-03	AT2G02061	-0.5	1.0E+00
1 mM SA	CHH	2	501299	501306	4	0.282	0.089	6.8E-03	AT2G02061	-0.5	1.0E+00
1 mM SA	CHH	2	501369	501389	4	0.384	0.127	6.5E-04	AT2G02061	-0.5	1.0E+00
1 mM SA	CHH	2	530362	530389	4	-0.206	0.077	3.4E-03	AT2G02103	nd	nd
1 mM SA	CHH	2	531191	531205	4	-0.237	0.070	9.2E-03	AT2G02103	nd	nd
1 mM SA	CHH	2	537458	537468	4	-0.196	0.109	6.3E-04	AT2G02120	1.9	5.6E-01
1 mM SA	CHH	2	540791	540814	4	0.304	0.110	9.8E-05	AT2G02130	1.5	1.1E-05
1 mM SA	CHH	2	600663	600687	8	0.136	0.094	7.6E-03	AT2G02280	nd	nd
1 mM SA	CHH	2	603499	603513	6	-0.343	0.054	7.1E-04	AT2G02290	nd	nd
1 mM SA	CHH	2	614186	614196	4	0.247	0.080	9.9E-03	AT2G02320	-Inf	3.5E-02

1 mM SA	CHH	2	637129	637230	6	0.147	0.158	9.2E-03	AT2G02440	nd	nd
1 mM SA	CHH	2	712954	712969	4	0.217	0.138	2.4E-03	AT2G02610	nd	nd
1 mM SA	CHH	2	734740	734747	4	-0.312	0.043	1.7E-05	AT2G02650	nd	nd
1 mM SA	CHH	2	780528	780553	6	-0.203	0.067	1.5E-03	AT2G02770	0.0	9.6E-01
1 mM SA	CHH	2	808512	808531	6	-0.340	0.051	8.2E-04	AT2G02820	-0.2	6.2E-01
1 mM SA	CHH	2	821203	821251	8	0.118	0.130	6.1E-03	AT2G02835	nd	nd
1 mM SA	CHH	2	822793	822817	4	-0.180	0.132	9.4E-03	AT2G02840	nd	nd
1 mM SA	CHH	2	856990	856996	4	-0.248	0.064	4.7E-03	AT2G02950	0.0	9.8E-01
1 mM SA	CHH	2	871572	871593	4	-0.296	0.114	1.2E-03	AT2G02990	4.0	1.3E-07
1 mM SA	CHH	2	904549	904639	42	0.342	0.115	6.0E-03	AT2G03070	-0.3	5.6E-01
1 mM SA	CHH	2	905115	905203	4	-0.290	0.081	6.3E-03	AT2G03070	-0.3	5.6E-01
1 mM SA	CHH	2	905232	905240	4	0.251	0.211	8.1E-03	AT2G03070	-0.3	5.6E-01
1 mM SA	CHH	2	914196	914208	4	0.282	0.149	5.8E-03	AT2G03090	4.0	2.8E-14
1 mM SA	CHH	2	919614	919685	14	-0.136	0.069	4.0E-03	AT2G03090	4.0	2.8E-14
1 mM SA	CHH	2	933752	933780	12	-0.164	0.130	8.8E-03	AT2G03110	0.7	7.1E-01
1 mM SA	CHH	2	1012212	1012229	6	-0.246	0.091	8.3E-03	AT2G03330	-0.4	6.1E-01
1 mM SA	CHH	2	1017608	1017634	8	-0.173	0.112	5.8E-03	AT2G03340	0.0	9.4E-01
1 mM SA	CHH	2	1017644	1017676	8	-0.150	0.084	7.1E-03	AT2G03340	0.0	9.4E-01
1 mM SA	CHH	2	1038293	1038309	6	-0.217	0.114	3.1E-03	AT2G03430	0.0	9.6E-01
1 mM SA	CHH	2	1050144	1050210	10	-0.375	0.169	6.2E-04	AT2G03480	2.6	4.5E-15
1 mM SA	CHH	2	1050277	1050301	8	-0.203	0.103	2.0E-03	AT2G03480	2.6	4.5E-15
1 mM SA	CHH	2	1085253	1085299	12	-0.186	0.100	1.7E-03	AT2G03570	nd	nd
1 mM SA	CHH	2	1086738	1086750	6	0.236	0.130	8.2E-03	AT2G03570	nd	nd
1 mM SA	CHH	2	1086787	1086804	6	0.204	0.069	7.0E-03	AT2G03570	nd	nd
1 mM SA	CHH	2	1089077	1089091	4	-0.204	0.134	5.6E-03	AT2G03570	nd	nd
1 mM SA	CHH	2	1092256	1092263	4	-0.236	0.129	1.9E-03	AT2G03580	-3.0	3.0E-01
1 mM SA	CHH	2	1170342	1170367	10	-0.184	0.111	6.3E-03	AT2G03830	-4.6	1.3E-02
1 mM SA	CHH	2	1170379	1170409	10	-0.199	0.113	5.0E-04	AT2G03830	-4.6	1.3E-02
1 mM SA	CHH	2	1194396	1194445	12	-0.308	0.120	1.6E-04	AT2G03913	nd	nd
1 mM SA	CHH	2	1212352	1212448	12	0.224	0.112	7.7E-03	AT2G03932	nd	nd
1 mM SA	CHH	2	1242568	1242590	6	0.310	0.116	1.7E-03	AT2G03955	nd	nd
1 mM SA	CHH	2	1258953	1258963	4	0.349	0.040	2.1E-04	AT2G03980	0.3	4.0E-01
1 mM SA	CHH	2	1258974	1258979	4	0.359	0.085	1.6E-04	AT2G03980	0.3	4.0E-01
1 mM SA	CHH	2	1269806	1269844	4	-0.253	0.069	2.2E-03	AT2G04020	nd	nd
1 mM SA	CHH	2	1271853	1271870	6	0.166	0.076	4.9E-03	AT2G04020	nd	nd
1 mM SA	CHH	2	1278088	1278153	16	-0.168	0.070	1.4E-03	AT2G04025	-Inf	6.6E-01
1 mM SA	CHH	2	1281469	1281477	4	-0.304	0.031	6.5E-05	AT2G04030	1.8	2.2E-06
1 mM SA	CHH	2	1318568	1318587	6	-0.292	0.047	8.2E-04	AT2G04046	-Inf	6.6E-01
1 mM SA	CHH	2	1367842	1367859	6	-0.338	0.030	1.8E-05	AT2G04090	nd	nd
1 mM SA	CHH	2	1381067	1381153	8	-0.194	0.144	2.3E-03	AT2G04100	-5.2	8.8E-24
1 mM SA	CHH	2	1403955	1403983	10	-0.160	0.106	7.2E-03	AT2G04160	-1.7	1.2E-04
1 mM SA	CHH	2	1465763	1465782	6	-0.147	0.090	7.9E-03	AT2G04240	1.2	8.1E-04
1 mM SA	CHH	2	1482439	1482452	4	-0.464	0.135	1.9E-04	AT2G04280	1.6	2.0E-06
1 mM SA	CHH	2	1505381	1505386	4	-0.202	0.099	8.3E-03	AT2G04305	-0.6	2.8E-01
1 mM SA	CHH	2	1509838	1509868	4	-0.287	0.131	5.2E-03	AT2G04340	0.0	9.6E-01
1 mM SA	CHH	2	1512051	1512060	4	-0.252	0.062	5.8E-03	AT2G04340	0.0	9.6E-01
1 mM SA	CHH	2	1547990	1548002	4	-0.187	0.123	8.9E-03	AT2G04450	-3.5	9.2E-16
1 mM SA	CHH	2	1552674	1552693	4	-0.233	0.069	9.8E-03	AT2G04480	nd	nd
1 mM SA	CHH	2	1552885	1552925	6	-0.174	0.126	4.6E-03	AT2G04480	nd	nd

1 mM SA	CHH	2	1567386	1567434	4	0.278	0.074	3.9E-03	AT2G04500	nd	nd
1 mM SA	CHH	2	1612596	1612633	16	0.578	0.126	1.6E-04	AT2G04620	-1.0	5.5E-02
1 mM SA	CHH	2	1617083	1617124	6	-0.285	0.129	8.1E-04	AT2G04622	nd	nd
1 mM SA	CHH	2	1629551	1629608	6	-0.188	0.090	3.3E-03	AT2G04660	0.3	6.2E-01
1 mM SA	CHH	2	1663488	1663506	4	-0.303	0.037	5.6E-04	AT2G04750	nd	nd
1 mM SA	CHH	2	1678694	1678809	8	-0.206	0.103	6.9E-03	AT2G04790	0.2	8.1E-01
1 mM SA	CHH	2	1716803	1716807	4	0.485	0.298	1.8E-04	AT2G04870	nd	nd
1 mM SA	CHH	2	1716836	1716840	4	0.281	0.057	3.6E-03	AT2G04870	nd	nd
1 mM SA	CHH	2	1731533	1731574	12	-0.206	0.106	2.8E-03	AT2G04925	Inf	5.3E-01
1 mM SA	CHH	2	1740801	1740805	4	-0.192	0.093	9.5E-04	AT2G04940	0.0	8.6E-01
1 mM SA	CHH	2	1801881	1801886	4	0.238	0.078	2.0E-03	AT2G05070	3.0	7.8E-31
1 mM SA	CHH	2	1820487	1820543	6	-0.295	0.073	5.0E-03	AT2G05100	1.5	1.0E-04
1 mM SA	CHH	2	1821709	1821758	8	-0.190	0.088	1.7E-03	AT2G05100	1.5	1.0E-04
1 mM SA	CHH	2	1828407	1828434	4	-0.210	0.068	3.7E-03	AT2G05100	1.5	1.0E-04
1 mM SA	CHH	2	1839287	1839292	4	-0.195	0.119	4.4E-04	AT2G05117	nd	nd
1 mM SA	CHH	2	1857850	1857857	4	-0.338	0.043	4.6E-05	AT2G05140	-Inf	1.0E+00
1 mM SA	CHH	2	1865197	1865244	12	-0.250	0.134	4.4E-06	AT2G05160	0.8	5.5E-02
1 mM SA	CHH	2	1878758	1878776	6	-0.185	0.113	9.6E-04	AT2G05185	-Inf	1.0E+00
1 mM SA	CHH	2	1881471	1881514	14	-0.145	0.079	9.4E-03	AT2G05185	-Inf	1.0E+00
1 mM SA	CHH	2	1886816	1886838	4	-0.254	0.176	7.9E-03	AT2G05210	1.3	4.7E-04
1 mM SA	CHH	2	1896575	1896584	4	0.333	0.182	1.2E-03	AT2G05220	1.3	1.6E-03
1 mM SA	CHH	2	1899197	1899209	4	0.237	0.051	9.0E-04	AT2G05220	1.3	1.6E-03
1 mM SA	CHH	2	1899268	1899288	4	-0.171	0.106	9.3E-03	AT2G05220	1.3	1.6E-03
1 mM SA	CHH	2	1926931	1927000	12	-0.163	0.122	6.5E-04	AT2G05294	nd	nd
1 mM SA	CHH	2	1930346	1930364	8	-0.346	0.084	6.3E-03	AT2G05294	nd	nd
1 mM SA	CHH	2	1955471	1955492	4	-0.358	0.145	3.1E-03	AT2G05360	nd	nd
1 mM SA	CHH	2	1963046	1963079	6	0.186	0.079	1.0E-03	AT2G05370	-2.8	1.7E-01
1 mM SA	CHH	2	1963603	1963614	4	-0.248	0.080	1.3E-03	AT2G05370	-2.8	1.7E-01
1 mM SA	CHH	2	1968300	1968305	4	-0.274	0.126	8.5E-03	AT2G05380	-3.5	5.1E-11
1 mM SA	CHH	2	1969317	1969323	4	-0.326	0.082	9.3E-04	AT2G05380	-3.5	5.1E-11
1 mM SA	CHH	2	1982974	1983002	8	-0.172	0.095	2.8E-03	AT2G05420	nd	nd
1 mM SA	CHH	2	1987754	1987761	4	0.318	0.042	7.5E-04	AT2G05430	nd	nd
1 mM SA	CHH	2	1987775	1987787	6	0.328	0.058	2.6E-04	AT2G05430	nd	nd
1 mM SA	CHH	2	2018408	2018412	4	0.288	0.114	2.0E-03	AT2G05510	-Inf	2.2E-05
1 mM SA	CHH	2	2058039	2058081	10	-0.122	0.095	6.6E-03	AT2G05580	nd	nd
1 mM SA	CHH	2	2059159	2059166	4	0.239	0.057	2.2E-05	AT2G05580	nd	nd
1 mM SA	CHH	2	2066068	2066096	4	0.388	0.185	6.7E-04	AT2G05590	0.3	4.1E-01
1 mM SA	CHH	2	2074314	2074375	14	-0.106	0.070	4.3E-04	AT2G05600	nd	nd
1 mM SA	CHH	2	2140633	2140693	4	-0.197	0.088	8.3E-03	AT2G05710	-0.9	4.8E-02
1 mM SA	CHH	2	2148904	2148941	14	-0.153	0.088	2.3E-03	AT2G05720	nd	nd
1 mM SA	CHH	2	2203253	2203268	6	0.281	0.094	9.3E-03	AT2G05790	2.1	1.1E-12
1 mM SA	CHH	2	2209333	2209389	8	-0.157	0.094	3.3E-03	AT2G05803	nd	nd
1 mM SA	CHH	2	2217300	2217343	16	-0.177	0.115	5.5E-03	AT2G05810	3.2	7.2E-14
1 mM SA	CHH	2	2217483	2217561	20	-0.260	0.093	7.8E-03	AT2G05810	3.2	7.2E-14
1 mM SA	CHH	2	2220791	2220892	12	-0.165	0.113	6.2E-03	AT2G05810	3.2	7.2E-14
1 mM SA	CHH	2	2233387	2233461	4	-0.218	0.106	5.3E-03	AT2G05840	-1.3	2.7E-03
1 mM SA	CHH	2	2233514	2233527	4	-0.198	0.077	7.5E-03	AT2G05840	-1.3	2.7E-03
1 mM SA	CHH	2	2240788	2240796	4	0.190	0.061	6.9E-04	AT2G05850	nd	nd
1 mM SA	CHH	2	2260928	2260981	18	-0.122	0.065	9.1E-03	AT2G05910	-2.6	2.0E-03

1 mM SA	CHH	2	2276050	2276065	4	-0.162	0.170	9.9E-03	AT2G05920	-0.1	7.4E-01
1 mM SA	CHH	2	2276649	2276667	4	-0.263	0.094	6.7E-03	AT2G05920	-0.1	7.4E-01
1 mM SA	CHH	2	2290343	2290369	4	0.301	0.077	2.7E-04	AT2G05940	-1.5	8.6E-04
1 mM SA	CHH	2	2318848	2318854	4	0.299	0.033	6.0E-04	AT2G05990	2.4	7.0E-16
1 mM SA	CHH	2	2319706	2319746	8	-0.157	0.094	3.5E-03	AT2G05990	2.4	7.0E-16
1 mM SA	CHH	2	2321422	2321437	4	0.367	0.130	7.7E-04	AT2G05990	2.4	7.0E-16
1 mM SA	CHH	2	2349756	2349768	4	0.344	0.057	3.7E-04	AT2G06025	-0.2	8.6E-01
1 mM SA	CHH	2	2369305	2369332	6	0.124	0.138	1.7E-03	AT2G06090	nd	nd
1 mM SA	CHH	2	2409383	2409417	4	-0.297	0.117	3.1E-03	AT2G06166	nd	nd
1 mM SA	CHH	2	2422282	2422301	4	-0.354	0.099	4.5E-03	AT2G06200	Inf	2.8E-01
1 mM SA	CHH	2	2428518	2428524	4	0.192	0.067	1.2E-03	AT2G06200	Inf	2.8E-01
1 mM SA	CHH	2	2453163	2453214	4	-0.156	0.138	1.7E-03	AT2G06255	-1.9	1.5E-03
1 mM SA	CHH	2	2537226	2537303	6	-0.136	0.116	4.6E-03	AT2G06420	nd	nd
1 mM SA	CHH	2	2598810	2598847	4	-0.224	0.079	2.2E-03	AT2G06541	nd	nd
1 mM SA	CHH	2	2600945	2600954	4	-0.325	0.052	1.7E-04	AT2G06541	nd	nd
1 mM SA	CHH	2	2601136	2601180	8	0.179	0.094	3.5E-03	AT2G06541	nd	nd
1 mM SA	CHH	2	2606191	2606200	4	0.365	0.124	2.8E-03	AT2G06555	nd	nd
1 mM SA	CHH	2	2606586	2606591	4	-0.256	0.158	9.0E-03	AT2G06555	nd	nd
1 mM SA	CHH	2	2627616	2627627	4	-0.308	0.134	4.4E-03	AT2G06570	nd	nd
1 mM SA	CHH	2	2652331	2652345	6	-0.249	0.104	9.2E-03	AT2G06645	nd	nd
1 mM SA	CHH	2	2655873	2655917	6	0.298	0.053	5.6E-04	AT2G06667	nd	nd
1 mM SA	CHH	2	2763168	2763182	4	0.334	0.230	3.2E-03	AT2G06850	1.5	7.6E-07
1 mM SA	CHH	2	2812291	2812314	4	-0.217	0.142	2.8E-03	AT2G06908	nd	nd
1 mM SA	CHH	2	2870791	2870868	4	0.232	0.141	2.8E-03	AT2G06960	nd	nd
1 mM SA	CHH	2	2873609	2873622	4	-0.229	0.055	7.6E-03	AT2G06960	nd	nd
1 mM SA	CHH	2	2884573	2884595	4	-0.273	0.255	9.0E-03	AT2G06983	nd	nd
1 mM SA	CHH	2	2984173	2984187	6	0.248	0.117	5.3E-03	AT2G07180	-1.8	2.5E-04
1 mM SA	CHH	2	3008887	3008910	4	-0.130	0.217	6.4E-03	AT2G07240	-Inf	1.6E-01
1 mM SA	CHH	2	3022416	3022446	4	-0.186	0.098	5.5E-04	AT2G07280	nd	nd
1 mM SA	CHH	2	3057324	3057341	4	-0.215	0.094	6.1E-04	AT2G07360	-0.2	6.6E-01
1 mM SA	CHH	2	3099177	3099190	4	-0.261	0.103	2.3E-03	AT2G07440	-Inf	1.0E+00
1 mM SA	CHH	2	3122678	3122791	14	-0.109	0.099	1.0E-02	AT2G07505	nd	nd
1 mM SA	CHH	2	3125315	3125336	4	-0.214	0.147	5.0E-03	AT2G07505	nd	nd
1 mM SA	CHH	2	3217543	3217552	4	0.271	0.047	1.6E-03	AT2G07640	nd	nd
1 mM SA	CHH	2	3263506	3263520	4	-0.264	0.086	9.7E-03	AT2G07684	nd	nd
1 mM SA	CHH	2	3356779	3356818	6	-0.223	0.181	2.7E-03	AT2G07798	nd	nd
1 mM SA	CHH	2	3410043	3410126	6	-0.144	0.094	6.5E-03	AT2G07715	Inf	5.3E-01
1 mM SA	CHH	2	3412011	3412043	4	-0.250	0.119	4.7E-03	AT2G07715	Inf	5.3E-01
1 mM SA	CHH	2	3453675	3453710	4	-0.228	0.137	7.5E-03	AT2G07728	nd	nd
1 mM SA	CHH	2	3454991	3455010	4	-0.254	0.123	6.3E-03	AT2G07728	nd	nd
1 mM SA	CHH	2	3499437	3499485	4	-0.227	0.230	9.5E-04	AT2G07835	nd	nd
1 mM SA	CHH	2	3585293	3585349	8	-0.167	0.115	3.3E-03	AT2G07760	nd	nd
1 mM SA	CHH	2	3619998	3620026	4	-0.158	0.115	3.3E-03	AT2G08986	nd	nd
1 mM SA	CHH	2	3983500	3983517	4	-0.212	0.088	6.8E-03	AT2G10340	nd	nd
1 mM SA	CHH	2	4024217	4024222	4	0.279	0.045	1.6E-03	AT2G10450	-Inf	1.0E+00
1 mM SA	CHH	2	4078167	4078180	4	-0.343	0.058	1.2E-03	AT2G10535	nd	nd
1 mM SA	CHH	2	4111174	4111224	6	-0.167	0.110	3.0E-03	AT2G10560	nd	nd
1 mM SA	CHH	2	4131537	4131557	4	-0.262	0.179	9.3E-03	AT2G10602	nd	nd
1 mM SA	CHH	2	4301638	4301679	16	-0.155	0.072	3.1E-03	AT2G10920	nd	nd

1 mM SA	CHH	2	4303059	4303071	4	0.420	0.141	1.6E-04	AT2G10930	-2.1	2.7E-01
1 mM SA	CHH	2	4323427	4323458	12	-0.140	0.125	1.7E-03	AT2G10965	nd	nd
1 mM SA	CHH	2	4450830	4450840	6	0.248	0.067	4.9E-03	AT2G11200	nd	nd
1 mM SA	CHH	2	4590863	4590869	4	0.252	0.058	1.1E-03	AT2G11462	nd	nd
1 mM SA	CHH	2	4593330	4593353	4	-0.229	0.140	7.0E-03	AT2G11462	nd	nd
1 mM SA	CHH	2	4623230	4623239	4	-0.214	0.112	1.9E-03	AT2G11522	nd	nd
1 mM SA	CHH	2	4636278	4636347	8	-0.158	0.074	7.2E-03	AT2G11570	nd	nd
1 mM SA	CHH	2	4638426	4638503	6	-0.193	0.182	3.7E-03	AT2G11570	nd	nd
1 mM SA	CHH	2	4639224	4639247	4	0.318	0.214	6.7E-03	AT2G11570	nd	nd
1 mM SA	CHH	2	4659506	4659576	4	-0.172	0.137	7.5E-03	AT2G11620	nd	nd
1 mM SA	CHH	2	4664275	4664342	4	-0.252	0.061	2.2E-03	AT2G11626	nd	nd
1 mM SA	CHH	2	4664767	4664842	6	-0.173	0.076	3.0E-03	AT2G11626	nd	nd
1 mM SA	CHH	2	4724920	4724949	4	0.253	0.075	3.2E-03	AT2G11773	nd	nd
1 mM SA	CHH	2	4782665	4782754	14	-0.192	0.128	3.3E-03	AT2G11851	nd	nd
1 mM SA	CHH	2	4807898	4807908	4	0.209	0.125	3.8E-03	AT2G11910	0.6	2.2E-01
1 mM SA	CHH	2	4893943	4894007	12	0.190	0.074	2.7E-03	AT2G12190	1.0	4.1E-01
1 mM SA	CHH	2	4901391	4901504	6	-0.183	0.071	6.6E-03	AT2G12200	nd	nd
1 mM SA	CHH	2	4918856	4918879	4	-0.242	0.089	2.3E-03	AT2G12280	-Inf	1.0E+00
1 mM SA	CHH	2	5010504	5010521	6	0.290	0.051	6.5E-03	AT2G12405	nd	nd
1 mM SA	CHH	2	5011118	5011136	4	0.264	0.080	4.3E-03	AT2G12405	nd	nd
1 mM SA	CHH	2	5048552	5048571	8	-0.246	0.098	3.6E-03	AT2G12461	1.0	1.9E-01
1 mM SA	CHH	2	5164459	5164480	4	-0.216	0.085	4.4E-03	AT2G12646	nd	nd
1 mM SA	CHH	2	5286497	5286529	8	-0.204	0.093	6.3E-03	AT2G12875	nd	nd
1 mM SA	CHH	2	5288911	5288947	8	-0.201	0.106	9.2E-03	AT2G12875	nd	nd
1 mM SA	CHH	2	5298160	5298172	4	-0.232	0.133	5.7E-03	AT2G12905	nd	nd
1 mM SA	CHH	2	5311770	5311895	14	-0.113	0.101	6.9E-03	AT2G12935	nd	nd
1 mM SA	CHH	2	5326850	5326872	4	-0.193	0.078	9.1E-04	AT2G12945	nd	nd
1 mM SA	CHH	2	5533931	5533957	4	-0.254	0.158	3.4E-03	AT2G13350	nd	nd
1 mM SA	CHH	2	5542326	5542359	4	0.182	0.109	1.1E-03	AT2G13363	nd	nd
1 mM SA	CHH	2	5588667	5588697	8	-0.235	0.102	5.5E-05	AT2G13422	nd	nd
1 mM SA	CHH	2	5588800	5588816	4	-0.284	0.083	8.9E-04	AT2G13422	nd	nd
1 mM SA	CHH	2	5598505	5598521	6	0.182	0.079	7.7E-03	AT2G13450	nd	nd
1 mM SA	CHH	2	5598782	5598847	10	-0.172	0.062	5.9E-03	AT2G13450	nd	nd
1 mM SA	CHH	2	5600066	5600077	4	-0.316	0.132	5.9E-03	AT2G13450	nd	nd
1 mM SA	CHH	2	5602209	5602214	4	-0.304	0.187	2.1E-03	AT2G13450	nd	nd
1 mM SA	CHH	2	5604451	5604468	4	-0.192	0.154	7.5E-04	AT2G13450	nd	nd
1 mM SA	CHH	2	5611049	5611070	8	0.213	0.164	2.1E-03	AT2G13463	nd	nd
1 mM SA	CHH	2	5626870	5626886	6	-0.147	0.114	9.0E-03	AT2G13500	nd	nd
1 mM SA	CHH	2	5647108	5647258	8	-0.152	0.074	1.3E-03	AT2G13547	-3.2	1.9E-01
1 mM SA	CHH	2	5656918	5656939	8	0.206	0.154	5.9E-03	AT2G13570	3.0	1.2E-03
1 mM SA	CHH	2	5658697	5658749	4	-0.199	0.100	5.7E-03	AT2G13570	3.0	1.2E-03
1 mM SA	CHH	2	5671202	5671212	6	-0.193	0.089	1.7E-03	AT2G13600	0.2	7.8E-01
1 mM SA	CHH	2	5710137	5710155	4	-0.175	0.108	2.7E-03	AT2G13690	1.6	3.3E-04
1 mM SA	CHH	2	5733029	5733054	4	0.166	0.090	5.4E-03	AT2G13760	-Inf	2.1E-02
1 mM SA	CHH	2	5737079	5737129	6	-0.131	0.127	2.2E-03	AT2G13770	nd	nd
1 mM SA	CHH	2	5738222	5738227	4	0.267	0.033	1.3E-04	AT2G13770	nd	nd
1 mM SA	CHH	2	5739846	5739858	4	0.281	0.073	8.8E-04	AT2G13790	-0.7	1.9E-01
1 mM SA	CHH	2	5793122	5793138	4	-0.212	0.097	3.8E-03	AT2G13840	-0.9	3.9E-02
1 mM SA	CHH	2	5795471	5795535	12	-0.136	0.089	8.7E-03	AT2G13840	-0.9	3.9E-02

1 mM SA	CHH	2	5835560	5835604	10	-0.128	0.082	1.8E-03	AT2G13900	nd	nd
1 mM SA	CHH	2	5837181	5837247	12	0.171	0.128	2.9E-03	AT2G13900	nd	nd
1 mM SA	CHH	2	5856618	5856645	4	-0.309	0.117	1.6E-04	AT2G13950	nd	nd
1 mM SA	CHH	2	5865876	5865895	4	-0.200	0.085	1.8E-03	AT2G13980	nd	nd
1 mM SA	CHH	2	5871056	5871066	4	-0.246	0.094	9.0E-03	AT2G13980	nd	nd
1 mM SA	CHH	2	5901902	5901924	4	-0.286	0.186	5.4E-03	AT2G14045	0.2	7.1E-01
1 mM SA	CHH	2	5940342	5940353	4	0.409	0.102	4.3E-03	AT2G14100	-3.6	3.1E-02
1 mM SA	CHH	2	5949734	5949737	4	-0.232	0.033	5.1E-05	AT2G14110	-0.4	4.4E-01
1 mM SA	CHH	2	5950054	5950084	10	-0.191	0.079	1.4E-03	AT2G14110	-0.4	4.4E-01
1 mM SA	CHH	2	6029771	6029796	6	-0.206	0.123	5.4E-03	AT2G14247	4.7	4.0E-22
1 mM SA	CHH	2	6036284	6036302	4	0.292	0.064	2.6E-03	AT2G14255	-0.2	8.5E-01
1 mM SA	CHH	2	6036451	6036464	4	-0.189	0.129	6.9E-03	AT2G14255	-0.2	8.5E-01
1 mM SA	CHH	2	6044094	6044178	6	0.243	0.219	4.3E-03	AT2G14260	-0.5	2.9E-01
1 mM SA	CHH	2	6046323	6046364	6	-0.198	0.136	3.3E-03	AT2G14270	nd	nd
1 mM SA	CHH	2	6101555	6101640	12	0.197	0.110	8.8E-03	AT2G14378	nd	nd
1 mM SA	CHH	2	6115451	6115484	6	-0.179	0.094	2.1E-03	AT2G14390	nd	nd
1 mM SA	CHH	2	6150005	6150023	4	-0.238	0.071	5.4E-03	AT2G14460	1.1	7.8E-03
1 mM SA	CHH	2	6156290	6156373	6	-0.315	0.125	9.1E-03	AT2G14460	1.1	7.8E-03
1 mM SA	CHH	2	6170706	6170714	4	-0.302	0.016	2.2E-04	AT2G14500	nd	nd
1 mM SA	CHH	2	6268515	6268530	4	-0.275	0.079	5.4E-03	AT2G14660	1.4	3.2E-03
1 mM SA	CHH	2	6305208	6305224	4	0.268	0.083	3.8E-03	AT2G14720	-0.8	9.2E-02
1 mM SA	CHH	2	6353146	6353169	4	-0.270	0.028	4.2E-03	AT2G14800	0.3	9.0E-01
1 mM SA	CHH	2	6357829	6357856	6	-0.231	0.172	1.8E-03	AT2G14810	nd	nd
1 mM SA	CHH	2	6380383	6380393	6	-0.292	0.096	1.6E-04	AT2G14846	nd	nd
1 mM SA	CHH	2	6410206	6410267	16	-0.195	0.105	5.9E-03	AT2G14910	0.1	8.6E-01
1 mM SA	CHH	2	6433943	6433949	4	-0.171	0.156	4.7E-03	AT2G14935	nd	nd
1 mM SA	CHH	2	6482941	6482947	4	-0.287	0.035	6.0E-04	AT2G15000	0.9	4.2E-02
1 mM SA	CHH	2	6497932	6497949	4	-0.144	0.123	5.4E-03	AT2G15025	nd	nd
1 mM SA	CHH	2	6508228	6508242	4	-0.266	0.030	1.9E-03	AT2G15042	-0.8	9.6E-02
1 mM SA	CHH	2	6508498	6508538	8	-0.278	0.133	6.8E-03	AT2G15042	-0.8	9.6E-02
1 mM SA	CHH	2	6509287	6509335	4	-0.278	0.118	2.1E-03	AT2G15042	-0.8	9.6E-02
1 mM SA	CHH	2	6532121	6532183	4	-0.229	0.109	5.5E-03	AT2G15080	-1.2	1.0E-02
1 mM SA	CHH	2	6546943	6546950	4	-0.200	0.135	7.9E-03	AT2G15090	4.4	1.0E-65
1 mM SA	CHH	2	6554972	6554992	4	-0.276	0.097	4.1E-03	AT2G15110	nd	nd
1 mM SA	CHH	2	6557612	6557637	4	-0.234	0.070	3.5E-03	AT2G15110	nd	nd
1 mM SA	CHH	2	6561168	6561189	6	-0.220	0.061	9.2E-03	AT2G15130	0.3	1.0E+00
1 mM SA	CHH	2	6561236	6561252	4	-0.308	0.035	1.2E-03	AT2G15130	0.3	1.0E+00
1 mM SA	CHH	2	6592860	6592928	8	-0.200	0.112	2.3E-03	AT2G15185	nd	nd
1 mM SA	CHH	2	6659862	6659869	4	0.395	0.094	1.2E-03	AT2G15318	1.9	7.0E-01
1 mM SA	CHH	2	6659874	6659888	4	0.369	0.211	5.6E-04	AT2G15318	1.9	7.0E-01
1 mM SA	CHH	2	6660325	6660337	4	0.450	0.127	6.8E-04	AT2G15318	1.9	7.0E-01
1 mM SA	CHH	2	6668214	6668259	10	-0.133	0.115	8.4E-03	AT2G15320	-1.3	2.0E-03
1 mM SA	CHH	2	6677572	6677586	8	-0.384	0.179	2.7E-03	AT2G15340	-Inf	4.6E-02
1 mM SA	CHH	2	6682628	6682672	12	-0.202	0.076	4.5E-03	AT2G15345	nd	nd
1 mM SA	CHH	2	6685320	6685327	4	0.278	0.083	1.6E-04	AT2G15345	nd	nd
1 mM SA	CHH	2	6707576	6707587	4	0.290	0.067	5.9E-03	AT2G15390	-1.1	2.9E-02
1 mM SA	CHH	2	6725610	6725688	12	-0.153	0.105	5.8E-03	AT2G15420	nd	nd
1 mM SA	CHH	2	6739982	6740002	4	-0.226	0.117	7.4E-03	AT2G15440	4.8	7.5E-14
1 mM SA	CHH	2	6768665	6768685	6	-0.186	0.074	1.5E-03	AT2G15530	0.5	1.8E-01

1 mM SA	CHH	2	6771697	6771720	6	-0.221	0.180	6.2E-03	AT2G15530	0.5	1.8E-01
1 mM SA	CHH	2	6778962	6778972	4	-0.240	0.074	6.0E-03	AT2G15535	nd	nd
1 mM SA	CHH	2	6790639	6790709	16	-0.180	0.105	3.0E-03	AT2G15560	0.4	3.8E-01
1 mM SA	CHH	2	6813171	6813175	4	-0.303	0.066	5.7E-05	AT2G15630	-0.3	8.6E-01
1 mM SA	CHH	2	6813699	6813708	4	-0.167	0.089	7.4E-03	AT2G15630	-0.3	8.6E-01
1 mM SA	CHH	2	6830321	6830326	4	-0.306	0.038	6.3E-07	AT2G15680	0.3	5.3E-01
1 mM SA	CHH	2	6837347	6837386	18	-0.203	0.123	9.9E-04	AT2G15695	-0.5	2.7E-01
1 mM SA	CHH	2	6840668	6840728	6	-0.190	0.093	5.1E-03	AT2G15710	nd	nd
1 mM SA	CHH	2	6854563	6854608	12	-0.262	0.085	4.9E-03	AT2G15740	nd	nd
1 mM SA	CHH	2	6862959	6862982	4	-0.220	0.063	7.1E-03	AT2G15760	0.7	1.7E-01
1 mM SA	CHH	2	6881270	6881282	4	0.293	0.091	3.6E-04	AT2G15790	0.2	6.5E-01
1 mM SA	CHH	2	6885122	6885150	6	0.268	0.194	4.3E-03	AT2G15790	0.2	6.5E-01
1 mM SA	CHH	2	6887492	6887558	12	-0.144	0.081	7.9E-03	AT2G15820	0.6	1.6E-01
1 mM SA	CHH	2	6892773	6892844	20	-0.230	0.103	9.9E-03	AT2G15830	-0.7	3.6E-01
1 mM SA	CHH	2	6892905	6892946	4	-0.237	0.135	7.3E-03	AT2G15830	-0.7	3.6E-01
1 mM SA	CHH	2	6893018	6893073	18	-0.148	0.086	5.6E-04	AT2G15830	-0.7	3.6E-01
1 mM SA	CHH	2	6893090	6893095	4	-0.265	0.047	2.8E-04	AT2G15830	-0.7	3.6E-01
1 mM SA	CHH	2	6936569	6936644	8	-0.138	0.108	3.6E-03	AT2G15910	-0.9	5.9E-02
1 mM SA	CHH	2	6938433	6938513	10	-0.152	0.112	4.7E-03	AT2G15910	-0.9	5.9E-02
1 mM SA	CHH	2	6946408	6946455	8	-0.190	0.111	6.7E-03	AT2G15960	0.8	1.3E-02
1 mM SA	CHH	2	6948796	6948845	14	-0.190	0.087	2.1E-03	AT2G15970	2.8	9.5E-24
1 mM SA	CHH	2	6953467	6953573	16	-0.180	0.103	1.7E-03	AT2G15980	-0.4	4.9E-01
1 mM SA	CHH	2	6970728	6970749	4	0.275	0.066	3.3E-04	AT2G16015	nd	nd
1 mM SA	CHH	2	6972145	6972209	8	0.243	0.138	2.6E-03	AT2G16016	nd	nd
1 mM SA	CHH	2	6990159	6990188	6	-0.208	0.081	8.4E-03	AT2G16090	-0.4	5.3E-01
1 mM SA	CHH	2	6992146	6992185	6	-0.184	0.115	1.3E-03	AT2G16090	-0.4	5.3E-01
1 mM SA	CHH	2	7018354	7018368	4	-0.293	0.121	8.7E-03	AT2G16190	nd	nd
1 mM SA	CHH	2	7018377	7018390	4	-0.297	0.108	3.9E-03	AT2G16190	nd	nd
1 mM SA	CHH	2	7024234	7024241	4	0.305	0.030	2.8E-04	AT2G16200	nd	nd
1 mM SA	CHH	2	7060858	7060876	4	0.219	0.139	2.9E-03	AT2G16290	nd	nd
1 mM SA	CHH	2	7070929	7070934	4	-0.177	0.079	1.6E-03	AT2G16340	nd	nd
1 mM SA	CHH	2	7080791	7080813	4	-0.234	0.108	1.3E-03	AT2G16360	-Inf	1.0E+00
1 mM SA	CHH	2	7109690	7109694	4	-0.323	0.045	3.3E-04	AT2G16405	-0.3	6.0E-01
1 mM SA	CHH	2	7111224	7111231	4	-0.295	0.066	4.5E-03	AT2G16405	-0.3	6.0E-01
1 mM SA	CHH	2	7111239	7111244	4	-0.273	0.035	3.6E-04	AT2G16405	-0.3	6.0E-01
1 mM SA	CHH	2	7120030	7120044	6	-0.162	0.140	5.2E-03	AT2G16430	-0.3	4.3E-01
1 mM SA	CHH	2	7150016	7150035	4	-0.299	0.123	5.8E-03	AT2G16490	-Inf	1.0E+00
1 mM SA	CHH	2	7154713	7154718	4	0.288	0.041	1.6E-03	AT2G16505	nd	nd
1 mM SA	CHH	2	7156939	7156951	6	-0.248	0.056	3.6E-03	AT2G16505	nd	nd
1 mM SA	CHH	2	7161264	7161269	4	-0.309	0.020	1.6E-03	AT2G16510	-0.5	3.3E-01
1 mM SA	CHH	2	7206388	7206394	4	-0.226	0.116	1.7E-03	AT2G16620	nd	nd
1 mM SA	CHH	2	7206452	7206462	4	0.337	0.089	2.4E-03	AT2G16620	nd	nd
1 mM SA	CHH	2	7224214	7224268	12	-0.172	0.082	6.5E-03	AT2G16668	nd	nd
1 mM SA	CHH	2	7226005	7226022	4	-0.190	0.085	8.8E-03	AT2G16668	nd	nd
1 mM SA	CHH	2	7227905	7227912	4	-0.220	0.095	3.3E-03	AT2G16676	nd	nd
1 mM SA	CHH	2	7228747	7228780	4	-0.203	0.104	3.6E-03	AT2G16676	nd	nd
1 mM SA	CHH	2	7228992	7229097	24	-0.224	0.083	6.3E-03	AT2G16676	nd	nd
1 mM SA	CHH	2	7233174	7233193	4	-0.246	0.079	3.2E-03	AT2G16676	nd	nd
1 mM SA	CHH	2	7242394	7242426	4	-0.195	0.168	5.8E-03	AT2G16700	-2.3	1.1E-07

1 mM SA	CHH	2	7278853	7278863	4	-0.239	0.166	4.3E-03	AT2G16770	-0.2	7.3E-01
1 mM SA	CHH	2	7278873	7278878	4	-0.204	0.197	1.8E-03	AT2G16770	-0.2	7.3E-01
1 mM SA	CHH	2	7295295	7295307	4	-0.224	0.088	6.1E-04	AT2G16835	nd	nd
1 mM SA	CHH	2	7327357	7327366	4	-0.258	0.085	1.2E-03	AT2G16900	-1.7	7.5E-05
1 mM SA	CHH	2	7340375	7340402	4	0.191	0.144	4.5E-03	AT2G16930	-0.6	2.6E-01
1 mM SA	CHH	2	7374445	7374470	8	0.144	0.085	1.7E-03	AT2G16970	nd	nd
1 mM SA	CHH	2	7374688	7374693	4	0.206	0.074	2.3E-03	AT2G16970	nd	nd
1 mM SA	CHH	2	7418787	7418801	6	0.176	0.076	6.3E-03	AT2G17055	-0.8	1.0E+00
1 mM SA	CHH	2	7419368	7419389	4	0.410	0.044	4.1E-03	AT2G17055	-0.8	1.0E+00
1 mM SA	CHH	2	7420910	7420932	6	-0.239	0.087	2.1E-03	AT2G17060	1.5	7.3E-02
1 mM SA	CHH	2	7421160	7421166	4	0.315	0.044	1.5E-04	AT2G17060	1.5	7.3E-02
1 mM SA	CHH	2	7421447	7421453	4	-0.289	0.079	8.1E-03	AT2G17060	1.5	7.3E-02
1 mM SA	CHH	2	7442519	7442552	12	-0.208	0.082	1.1E-03	AT2G17110	-1.2	1.0E-02
1 mM SA	CHH	2	7448963	7449055	10	-0.162	0.151	5.5E-03	AT2G17110	-1.2	1.0E-02
1 mM SA	CHH	2	7496467	7496491	6	-0.180	0.088	9.8E-04	AT2G17230	0.1	8.5E-01
1 mM SA	CHH	2	7529480	7529502	8	-0.215	0.131	6.2E-03	AT2G17310	nd	nd
1 mM SA	CHH	2	7536523	7536550	4	-0.288	0.104	1.8E-03	AT2G17320	-0.2	8.3E-01
1 mM SA	CHH	2	7537662	7537772	12	-0.168	0.092	3.3E-03	AT2G17320	-0.2	8.3E-01
1 mM SA	CHH	2	7558475	7558501	8	-0.249	0.090	5.4E-04	AT2G17410	0.0	9.7E-01
1 mM SA	CHH	2	7581489	7581519	10	-0.228	0.130	6.3E-04	AT2G17450	0.7	3.3E-02
1 mM SA	CHH	2	7584109	7584127	6	-0.225	0.110	5.4E-04	AT2G17470	1.7	3.6E-02
1 mM SA	CHH	2	7616322	7616391	20	-0.153	0.074	3.1E-03	AT2G17510	-0.5	3.1E-01
1 mM SA	CHH	2	7632664	7632680	4	-0.215	0.084	2.6E-03	AT2G17540	0.5	1.9E-01
1 mM SA	CHH	2	7730140	7730173	10	-0.217	0.083	2.5E-03	AT2G17787	-0.9	8.3E-02
1 mM SA	CHH	2	7749292	7749334	4	0.212	0.077	8.7E-03	AT2G17820	0.1	7.9E-01
1 mM SA	CHH	2	7814095	7814100	4	-0.431	0.110	6.4E-04	AT2G17960	nd	nd
1 mM SA	CHH	2	7815181	7815207	8	-0.246	0.085	7.4E-04	AT2G17960	nd	nd
1 mM SA	CHH	2	7875257	7875265	6	-0.230	0.135	3.4E-03	AT2G18120	0.0	9.2E-01
1 mM SA	CHH	2	7875332	7875389	16	-0.123	0.074	6.4E-03	AT2G18120	0.0	9.2E-01
1 mM SA	CHH	2	7906047	7906056	4	-0.339	0.197	3.4E-03	AT2G18170	-0.6	3.7E-01
1 mM SA	CHH	2	7917177	7917186	4	-0.254	0.164	1.6E-03	AT2G18190	-2.6	1.1E-01
1 mM SA	CHH	2	7956373	7956381	6	-0.331	0.031	3.1E-04	AT2G18320	1.0	3.6E-01
1 mM SA	CHH	2	7961423	7961436	4	-0.226	0.095	4.7E-04	AT2G18328	0.8	6.3E-02
1 mM SA	CHH	2	7962163	7962174	4	-0.199	0.135	9.8E-03	AT2G18328	0.8	6.3E-02
1 mM SA	CHH	2	7962194	7962206	4	-0.148	0.109	8.0E-03	AT2G18328	0.8	6.3E-02
1 mM SA	CHH	2	7963716	7963737	8	-0.364	0.143	8.6E-05	AT2G18328	0.8	6.3E-02
1 mM SA	CHH	2	7976413	7976429	6	-0.228	0.101	9.7E-03	AT2G18360	nd	nd
1 mM SA	CHH	2	8016657	8016673	8	0.422	0.076	1.2E-03	AT2G18490	nd	nd
1 mM SA	CHH	2	8016675	8016711	16	0.644	0.084	4.7E-04	AT2G18490	nd	nd
1 mM SA	CHH	2	8016713	8016771	30	0.695	0.061	2.8E-06	AT2G18490	nd	nd
1 mM SA	CHH	2	8017728	8017732	4	0.354	0.151	3.1E-03	AT2G18490	nd	nd
1 mM SA	CHH	2	8018342	8018476	6	-0.145	0.175	3.3E-03	AT2G18490	nd	nd
1 mM SA	CHH	2	8018946	8019002	4	-0.260	0.129	5.8E-03	AT2G18490	nd	nd
1 mM SA	CHH	2	8036722	8036753	4	-0.274	0.078	8.0E-03	AT2G18520	0.8	2.2E-01
1 mM SA	CHH	2	8079603	8079612	4	0.317	0.045	2.2E-03	AT2G18630	2.6	2.2E-24
1 mM SA	CHH	2	8173603	8173667	4	-0.238	0.084	4.0E-03	AT2G18880	1.6	3.4E-04
1 mM SA	CHH	2	8181337	8181383	10	-0.138	0.096	2.7E-03	AT2G18890	3.1	3.2E-22
1 mM SA	CHH	2	8198408	8198418	4	-0.257	0.027	2.6E-03	AT2G18920	nd	nd
1 mM SA	CHH	2	8237018	8237042	8	0.229	0.103	3.1E-03	AT2G18980	Inf	5.3E-01

1 mM SA	CHH	2	8332964	8332970	4	-0.274	0.044	9.6E-04	AT2G19200	1.3	1.0E+00
1 mM SA	CHH	2	8379820	8379839	8	-0.207	0.135	3.1E-03	AT2G19360	nd	nd
1 mM SA	CHH	2	8422716	8422806	4	-0.187	0.076	9.2E-03	AT2G19440	-Inf	1.0E+00
1 mM SA	CHH	2	8455595	8455602	4	0.251	0.059	2.0E-03	AT2G19520	0.2	8.3E-01
1 mM SA	CHH	2	8561793	8561837	6	-0.176	0.083	3.3E-03	AT2G19830	0.8	3.9E-02
1 mM SA	CHH	2	8562529	8562542	4	-0.183	0.108	1.9E-03	AT2G19830	0.8	3.9E-02
1 mM SA	CHH	2	8569642	8569667	4	-0.173	0.105	8.7E-03	AT2G19850	nd	nd
1 mM SA	CHH	2	8754663	8754706	4	-0.212	0.096	3.9E-03	AT2G20290	3.4	3.6E-25
1 mM SA	CHH	2	8765507	8765525	6	-0.341	0.069	7.8E-05	AT2G20320	-1.2	4.5E-03
1 mM SA	CHH	2	8819769	8819790	6	-0.161	0.090	5.0E-03	AT2G20453	nd	nd
1 mM SA	CHH	2	8822373	8822397	4	-0.170	0.116	9.6E-03	AT2G20463	nd	nd
1 mM SA	CHH	2	8884836	8884858	6	0.212	0.181	4.7E-03	AT2G20613	nd	nd
1 mM SA	CHH	2	8907983	8908002	4	0.167	0.138	9.4E-03	AT2G20650	0.6	1.4E-01
1 mM SA	CHH	2	8911067	8911082	6	-0.230	0.100	7.4E-04	AT2G20660	nd	nd
1 mM SA	CHH	2	8911427	8911439	6	-0.149	0.096	7.3E-03	AT2G20660	nd	nd
1 mM SA	CHH	2	8914198	8914272	4	-0.256	0.139	8.9E-03	AT2G20670	-0.6	2.8E-01
1 mM SA	CHH	2	8957685	8957704	8	-0.296	0.050	1.7E-04	AT2G20810	0.7	1.1E-01
1 mM SA	CHH	2	8994094	8994109	4	-0.214	0.095	9.3E-03	AT2G20900	0.2	5.6E-01
1 mM SA	CHH	2	8996694	8996732	10	-0.150	0.074	2.0E-04	AT2G20920	-0.4	4.4E-01
1 mM SA	CHH	2	8997809	8997822	4	-0.229	0.152	5.4E-03	AT2G20920	-0.4	4.4E-01
1 mM SA	CHH	2	8998153	8998161	4	-0.221	0.066	1.4E-03	AT2G20920	-0.4	4.4E-01
1 mM SA	CHH	2	9005686	9005795	24	-0.149	0.078	1.0E-04	AT2G20950	0.5	1.8E-01
1 mM SA	CHH	2	9005807	9005845	6	-0.222	0.088	2.5E-04	AT2G20950	0.5	1.8E-01
1 mM SA	CHH	2	9021957	9021966	4	-0.282	0.041	3.3E-05	AT2G21010	1.9	4.1E-01
1 mM SA	CHH	2	9030547	9030557	4	-0.252	0.074	1.6E-03	AT2G21045	nd	nd
1 mM SA	CHH	2	9048475	9048490	6	-0.237	0.171	2.6E-03	AT2G21100	nd	nd
1 mM SA	CHH	2	9059780	9059790	4	-0.274	0.047	2.1E-03	AT2G21140	3.1	1.2E-11
1 mM SA	CHH	2	9063991	9064006	4	0.261	0.061	3.0E-04	AT2G21150	-0.5	2.1E-01
1 mM SA	CHH	2	9064218	9064234	4	-0.386	0.070	8.7E-05	AT2G21150	-0.5	2.1E-01
1 mM SA	CHH	2	9091202	9091223	4	-0.260	0.025	1.6E-04	AT2G21220	1.0	3.6E-01
1 mM SA	CHH	2	9169548	9169554	4	-0.272	0.031	7.8E-03	AT2G21420	Inf	7.0E-02
1 mM SA	CHH	2	9197079	9197093	4	-0.257	0.024	6.6E-05	AT2G21465	nd	nd
1 mM SA	CHH	2	9197133	9197175	16	-0.248	0.100	1.3E-03	AT2G21465	nd	nd
1 mM SA	CHH	2	9225487	9225507	4	-0.252	0.097	7.4E-03	AT2G21540	5.1	4.6E-52
1 mM SA	CHH	2	9289805	9289818	4	0.208	0.084	5.1E-03	AT2G21780	-1.7	7.9E-02
1 mM SA	CHH	2	9310871	9310949	14	-0.171	0.128	2.7E-03	AT2G21840	-1.2	3.0E-01
1 mM SA	CHH	2	9312820	9312840	8	-0.126	0.100	5.7E-03	AT2G21850	-2.8	1.4E-09
1 mM SA	CHH	2	9314981	9314989	4	-0.218	0.159	7.0E-03	AT2G21850	-2.8	1.4E-09
1 mM SA	CHH	2	9344679	9344724	18	-0.172	0.074	2.8E-03	AT2G21920	nd	nd
1 mM SA	CHH	2	9344739	9344775	14	-0.126	0.112	3.8E-03	AT2G21920	nd	nd
1 mM SA	CHH	2	9402484	9402522	12	-0.183	0.113	5.9E-03	AT2G22122	2.8	7.4E-11
1 mM SA	CHH	2	9449148	9449168	4	-0.225	0.075	1.3E-03	AT2G22230	2.6	1.1E-17
1 mM SA	CHH	2	9470844	9470855	6	-0.175	0.090	8.3E-03	AT2G22300	-0.5	4.3E-01
1 mM SA	CHH	2	9528895	9528901	4	-0.292	0.037	7.5E-04	AT2G22440	nd	nd
1 mM SA	CHH	2	9550479	9550485	4	-0.287	0.077	1.5E-03	AT2G22480	-0.5	3.0E-01
1 mM SA	CHH	2	9557850	9557899	4	0.173	0.184	6.1E-03	AT2G22490	-1.3	3.0E-03
1 mM SA	CHH	2	9567039	9567086	14	-0.276	0.140	1.6E-05	AT2G22500	-0.1	8.9E-01
1 mM SA	CHH	2	9592041	9592053	4	-0.232	0.036	2.8E-03	AT2G22590	2.3	2.9E-01
1 mM SA	CHH	2	9656305	9656326	4	0.294	0.037	1.7E-03	AT2G22720	-0.6	1.9E-01

1 mM SA	CHH	2	9692217	9692238	4	-0.259	0.135	3.4E-03	AT2G22780	-0.7	1.2E-01
1 mM SA	CHH	2	9693266	9693287	8	-0.153	0.062	6.5E-03	AT2G22780	-0.7	1.2E-01
1 mM SA	CHH	2	9852114	9852119	4	-0.270	0.085	1.6E-03	AT2G23148	nd	nd
1 mM SA	CHH	2	9852182	9852195	4	0.278	0.058	1.1E-03	AT2G23148	nd	nd
1 mM SA	CHH	2	9853693	9853792	8	0.141	0.152	2.9E-04	AT2G23148	nd	nd
1 mM SA	CHH	2	9855747	9855764	6	-0.272	0.125	2.2E-03	AT2G23149	nd	nd
1 mM SA	CHH	2	9860464	9860484	6	0.281	0.152	2.8E-03	AT2G23150	-0.8	8.7E-02
1 mM SA	CHH	2	9896710	9896725	6	-0.254	0.094	1.5E-03	AT2G23240	-Inf	1.0E+00
1 mM SA	CHH	2	10001742	10001751	4	-0.331	0.029	9.9E-05	AT2G23470	-0.1	7.8E-01
1 mM SA	CHH	2	10037910	10037920	4	-0.263	0.119	8.7E-04	AT2G23590	1.3	8.2E-02
1 mM SA	CHH	2	10045304	10045310	4	0.215	0.078	1.1E-04	AT2G23610	1.2	2.5E-03
1 mM SA	CHH	2	10158619	10158626	4	-0.250	0.040	2.8E-03	AT2G23840	0.6	1.2E-01
1 mM SA	CHH	2	10198530	10198559	10	-0.149	0.070	2.9E-03	AT2G23970	-Inf	1.0E+00
1 mM SA	CHH	2	10239309	10239417	6	-0.201	0.105	4.0E-03	AT2G24080	nd	nd
1 mM SA	CHH	2	10255673	10255695	8	-0.240	0.119	6.1E-04	AT2G24120	1.4	8.2E-05
1 mM SA	CHH	2	10255986	10256012	6	-0.137	0.093	8.4E-03	AT2G24120	1.4	8.2E-05
1 mM SA	CHH	2	10318182	10318205	6	-0.186	0.123	8.9E-03	AT2G24255	Inf	5.3E-01
1 mM SA	CHH	2	10351999	10352028	4	0.263	0.193	9.6E-03	AT2G24330	-0.2	7.5E-01
1 mM SA	CHH	2	10352356	10352432	4	-0.245	0.208	6.0E-03	AT2G24330	-0.2	7.5E-01
1 mM SA	CHH	2	10357776	10357796	4	-0.183	0.142	5.5E-03	AT2G24340	nd	nd
1 mM SA	CHH	2	10407500	10407521	4	-0.349	0.083	9.8E-04	AT2G24513	nd	nd
1 mM SA	CHH	2	10435191	10435207	4	-0.150	0.106	4.6E-03	AT2G24560	Inf	1.9E-02
1 mM SA	CHH	2	10437244	10437286	8	-0.209	0.128	5.0E-03	AT2G24570	-0.2	8.3E-01
1 mM SA	CHH	2	10521525	10521548	6	-0.184	0.077	3.3E-03	AT2G24710	nd	nd
1 mM SA	CHH	2	10527756	10527786	6	0.265	0.087	4.5E-03	AT2G24720	nd	nd
1 mM SA	CHH	2	10593921	10593941	4	-0.312	0.048	9.3E-03	AT2G24880	nd	nd
1 mM SA	CHH	2	10612349	10612386	14	-0.201	0.103	2.0E-03	AT2G24950	nd	nd
1 mM SA	CHH	2	10621631	10621637	4	-0.285	0.033	1.1E-04	AT2G24970	0.5	7.3E-01
1 mM SA	CHH	2	10628071	10628097	6	0.775	0.101	1.6E-07	AT2G24990	-0.1	6.3E-01
1 mM SA	CHH	2	10661007	10661026	6	0.248	0.141	1.8E-03	AT2G25052	0.3	1.0E+00
1 mM SA	CHH	2	10678282	10678305	8	-0.198	0.115	1.0E-03	AT2G25100	0.6	1.8E-01
1 mM SA	CHH	2	10683637	10683689	4	0.274	0.079	4.4E-03	AT2G25110	-0.9	3.2E-02
1 mM SA	CHH	2	10709821	10709867	8	-0.139	0.099	7.0E-03	AT2G25160	nd	nd
1 mM SA	CHH	2	10729317	10729384	16	-0.183	0.091	6.9E-03	AT2G25185	nd	nd
1 mM SA	CHH	2	10814834	10815006	8	-0.104	0.097	7.0E-03	AT2G25410	nd	nd
1 mM SA	CHH	2	10842337	10842370	10	-0.190	0.119	5.4E-03	AT2G25480	2.0	2.7E-11
1 mM SA	CHH	2	10931595	10931606	4	-0.338	0.040	9.1E-03	AT2G25670	-0.4	3.1E-01
1 mM SA	CHH	2	10931609	10931625	8	-0.222	0.074	5.7E-05	AT2G25670	-0.4	3.1E-01
1 mM SA	CHH	2	10952205	10952305	22	-0.181	0.092	2.6E-03	AT2G25710	0.5	2.0E-01
1 mM SA	CHH	2	11129835	11129880	12	-0.151	0.129	2.1E-03	AT2G26135	nd	nd
1 mM SA	CHH	2	11285808	11285818	4	-0.272	0.039	6.5E-03	AT2G26530	1.8	3.6E-12
1 mM SA	CHH	2	11298387	11298419	4	0.328	0.111	4.0E-03	AT2G26570	-0.1	7.7E-01
1 mM SA	CHH	2	11303173	11303182	4	0.272	0.063	1.5E-04	AT2G26580	1.0	7.3E-03
1 mM SA	CHH	2	11308710	11308742	6	-0.245	0.164	1.8E-03	AT2G26580	1.0	7.3E-03
1 mM SA	CHH	2	11315816	11315833	4	-0.204	0.104	2.9E-03	AT2G26600	-1.5	6.5E-04
1 mM SA	CHH	2	11367329	11367338	6	-0.173	0.134	3.9E-03	AT2G26700	0.5	6.4E-01
1 mM SA	CHH	2	11398164	11398176	4	0.252	0.040	2.5E-04	AT2G26750	1.3	8.2E-01
1 mM SA	CHH	2	11408979	11409088	10	-0.142	0.098	1.8E-03	AT2G26770	-0.1	7.3E-01
1 mM SA	CHH	2	11409282	11409293	4	0.255	0.086	3.1E-03	AT2G26780	-0.3	4.7E-01

1 mM SA	CHH	2	11428811	11428818	4	0.270	0.095	2.1E-03	AT2G26790	0.3	6.8E-01
1 mM SA	CHH	2	11429115	11429132	6	0.392	0.151	1.8E-03	AT2G26800	-0.8	7.5E-02
1 mM SA	CHH	2	11503480	11503517	10	-0.323	0.077	1.2E-04	AT2G26950	nd	nd
1 mM SA	CHH	2	11544655	11544694	10	-0.138	0.087	9.9E-03	AT2G27050	-0.3	6.4E-01
1 mM SA	CHH	2	11623729	11623793	14	-0.188	0.070	9.2E-03	AT2G27190	-0.8	6.0E-02
1 mM SA	CHH	2	11623809	11623826	6	-0.316	0.081	1.9E-03	AT2G27190	-0.8	6.0E-02
1 mM SA	CHH	2	11740102	11740143	12	0.201	0.086	8.2E-03	AT2G27450	-0.1	1.0E+00
1 mM SA	CHH	2	11768886	11768891	4	-0.361	0.043	6.1E-03	AT2G27540	nd	nd
1 mM SA	CHH	2	11770103	11770125	4	-0.431	0.144	1.3E-04	AT2G27540	nd	nd
1 mM SA	CHH	2	11867442	11867451	4	-0.237	0.067	2.1E-04	AT2G27860	0.7	3.7E-02
1 mM SA	CHH	2	11920853	11920884	8	-0.206	0.069	1.0E-04	AT2G27980	0.0	9.8E-01
1 mM SA	CHH	2	11983520	11983575	10	-0.255	0.092	7.6E-05	AT2G28120	-0.7	3.9E-01
1 mM SA	CHH	2	12093093	12093149	12	-0.212	0.070	2.1E-03	AT2G28320	-1.1	8.4E-03
1 mM SA	CHH	2	12093975	12093992	4	-0.173	0.103	9.3E-03	AT2G28320	-1.1	8.4E-03
1 mM SA	CHH	2	12174175	12174192	6	-0.224	0.078	3.3E-03	AT2G28470	3.8	3.8E-35
1 mM SA	CHH	2	12180741	12180745	4	0.592	0.093	2.7E-03	AT2G28490	nd	nd
1 mM SA	CHH	2	12180747	12180820	44	0.504	0.130	8.1E-03	AT2G28490	nd	nd
1 mM SA	CHH	2	12202487	12202499	6	0.288	0.064	3.1E-05	AT2G28510	0.5	4.1E-01
1 mM SA	CHH	2	12309915	12309941	4	-0.303	0.031	1.3E-04	AT2G28690	1.3	7.7E-01
1 mM SA	CHH	2	12413722	12413741	4	-0.320	0.070	1.5E-03	AT2G28900	3.3	5.4E-37
1 mM SA	CHH	2	12451273	12451291	4	-0.246	0.142	1.8E-03	AT2G28990	-Inf	5.3E-03
1 mM SA	CHH	2	12477370	12477387	4	0.342	0.054	3.3E-03	AT2G29050	2.1	4.4E-07
1 mM SA	CHH	2	12708761	12708771	4	0.295	0.087	5.4E-03	AT2G29750	0.0	9.1E-01
1 mM SA	CHH	2	12725398	12725425	8	-0.278	0.122	6.0E-04	AT2G29800	nd	nd
1 mM SA	CHH	2	12725469	12725490	8	-0.254	0.142	6.6E-03	AT2G29800	nd	nd
1 mM SA	CHH	2	12733265	12733348	12	-0.368	0.134	1.3E-04	AT2G29840	nd	nd
1 mM SA	CHH	2	12811751	12811757	4	-0.311	0.058	3.8E-03	AT2G30020	0.4	1.2E-01
1 mM SA	CHH	2	12833666	12833683	6	-0.220	0.112	6.0E-03	AT2G30070	0.3	5.5E-01
1 mM SA	CHH	2	13032543	13032595	10	-0.171	0.075	1.3E-03	AT2G30590	-0.2	9.2E-01
1 mM SA	CHH	2	13064555	13064566	4	0.280	0.073	3.0E-03	AT2G30660	-7.5	1.1E-21
1 mM SA	CHH	2	13065618	13065628	4	-0.183	0.098	2.2E-03	AT2G30660	-7.5	1.1E-21
1 mM SA	CHH	2	13095172	13095220	16	0.690	0.083	9.5E-07	AT2G30740	-0.3	5.4E-01
1 mM SA	CHH	2	13211399	13211403	4	-0.266	0.044	1.3E-03	AT2G31040	2.1	9.8E-14
1 mM SA	CHH	2	13223290	13223348	20	-0.163	0.093	2.5E-03	AT2G31070	-0.1	7.9E-01
1 mM SA	CHH	2	13223462	13223512	14	-0.245	0.105	6.0E-03	AT2G31070	-0.1	7.9E-01
1 mM SA	CHH	2	13374615	13374634	8	-0.251	0.090	1.8E-03	AT2G31360	2.3	3.6E-23
1 mM SA	CHH	2	13375224	13375240	6	-0.196	0.083	6.0E-03	AT2G31360	2.3	3.6E-23
1 mM SA	CHH	2	13404587	13404593	4	-0.275	0.046	7.3E-04	AT2G31460	nd	nd
1 mM SA	CHH	2	13426527	13426542	4	-0.353	0.051	2.9E-04	AT2G31530	0.9	9.9E-03
1 mM SA	CHH	2	13433383	13433395	4	-0.270	0.103	2.2E-03	AT2G31540	Inf	5.3E-01
1 mM SA	CHH	2	13634096	13634108	6	-0.283	0.052	7.7E-03	AT2G32030	-0.3	9.6E-01
1 mM SA	CHH	2	13634111	13634124	4	-0.320	0.132	8.7E-03	AT2G32030	-0.3	9.6E-01
1 mM SA	CHH	2	13634679	13634727	6	-0.171	0.067	8.6E-03	AT2G32040	0.3	4.5E-01
1 mM SA	CHH	2	13675927	13675938	4	-0.243	0.177	9.4E-03	AT2G32200	2.6	2.4E-18
1 mM SA	CHH	2	13717418	13717435	4	-0.271	0.068	6.6E-03	AT2G32290	0.8	1.4E-01
1 mM SA	CHH	2	13824611	13824689	6	0.495	0.155	8.2E-04	AT2G32560	0.8	3.8E-02
1 mM SA	CHH	2	13879609	13879683	6	-0.160	0.122	2.1E-03	AT2G32730	0.3	4.6E-01
1 mM SA	CHH	2	14335472	14335513	10	-0.231	0.124	9.5E-03	AT2G33870	nd	nd
1 mM SA	CHH	2	14386771	14386782	4	-0.280	0.186	1.1E-03	AT2G34060	3.0	2.2E-13

1 mM SA	CHH	2	14405817	14405826	6	-0.152	0.125	6.3E-03	AT2G34100	1.3	7.0E-01
1 mM SA	CHH	2	14410300	14410410	8	-0.212	0.090	4.5E-04	AT2G34100	1.3	7.0E-01
1 mM SA	CHH	2	14457918	14457929	4	0.190	0.121	7.1E-03	AT2G34238	-Inf	4.4E-01
1 mM SA	CHH	2	14458158	14458225	10	0.152	0.090	2.5E-03	AT2G34238	-Inf	4.4E-01
1 mM SA	CHH	2	14572529	14572545	4	-0.260	0.144	1.9E-03	AT2G34600	0.1	7.4E-01
1 mM SA	CHH	2	14595012	14595025	6	-0.216	0.094	2.2E-03	AT2G34655	-0.5	4.3E-01
1 mM SA	CHH	2	14595065	14595121	8	-0.199	0.118	3.4E-03	AT2G34655	-0.5	4.3E-01
1 mM SA	CHH	2	14595131	14595147	4	0.351	0.212	3.4E-03	AT2G34655	-0.5	4.3E-01
1 mM SA	CHH	2	14597061	14597174	14	-0.259	0.123	5.5E-03	AT2G34655	-0.5	4.3E-01
1 mM SA	CHH	2	14676137	14676178	4	-0.194	0.080	5.1E-03	AT2G34790	0.4	4.2E-01
1 mM SA	CHH	2	14683475	14683507	8	-0.124	0.100	1.4E-03	AT2G34800	nd	nd
1 mM SA	CHH	2	14952082	14952098	4	0.331	0.079	1.4E-03	AT2G35610	-0.6	2.2E-01
1 mM SA	CHH	2	15140761	15140772	4	-0.442	0.090	1.2E-03	AT2G36053	nd	nd
1 mM SA	CHH	2	15140773	15140781	4	-0.326	0.086	7.1E-05	AT2G36053	nd	nd
1 mM SA	CHH	2	15402131	15402144	6	-0.183	0.097	8.9E-03	AT2G36724	nd	nd
1 mM SA	CHH	2	15402252	15402267	6	0.140	0.107	1.6E-03	AT2G36724	nd	nd
1 mM SA	CHH	2	15566843	15566881	10	-0.136	0.102	3.2E-03	AT2G37050	0.2	6.5E-01
1 mM SA	CHH	2	15595846	15595861	4	0.252	0.055	3.4E-03	AT2G37120	0.5	1.9E-01
1 mM SA	CHH	2	15681936	15681975	6	-0.230	0.155	9.6E-03	AT2G37370	2.3	3.0E-01
1 mM SA	CHH	2	15733557	15733656	8	0.168	0.121	5.8E-03	AT2G37470	0.2	5.3E-01
1 mM SA	CHH	2	15821620	15821674	12	-0.130	0.101	7.5E-03	AT2G37730	nd	nd
1 mM SA	CHH	2	15955385	15955468	34	0.709	0.112	1.2E-05	AT2G38110	1.4	4.0E-02
1 mM SA	CHH	2	16007901	16007912	4	-0.199	0.143	4.8E-03	AT2G38220	nd	nd
1 mM SA	CHH	2	16008655	16008749	8	-0.187	0.088	9.5E-03	AT2G38220	nd	nd
1 mM SA	CHH	2	16030129	16030138	4	-0.196	0.135	8.9E-03	AT2G38270	0.3	4.9E-01
1 mM SA	CHH	2	16302764	16302777	4	-0.314	0.103	7.3E-05	AT2G39050	-1.3	3.2E-03
1 mM SA	CHH	2	16417698	16417708	6	0.823	0.090	7.7E-08	AT2G39320	-Inf	4.4E-01
1 mM SA	CHH	2	16417714	16417753	20	0.717	0.098	4.6E-08	AT2G39320	-Inf	4.4E-01
1 mM SA	CHH	2	16560533	16560544	4	-0.270	0.051	2.6E-03	AT2G39710	-1.7	2.8E-04
1 mM SA	CHH	2	16625911	16625918	4	-0.284	0.052	1.7E-03	AT2G39840	-0.5	2.8E-01
1 mM SA	CHH	2	16798774	16798795	8	-0.246	0.106	3.9E-03	AT2G40220	nd	nd
1 mM SA	CHH	2	16798822	16798839	8	-0.250	0.121	7.8E-04	AT2G40220	nd	nd
1 mM SA	CHH	2	16876089	16876093	4	-0.234	0.092	6.9E-03	AT2G40420	-0.4	6.0E-01
1 mM SA	CHH	2	16890472	16890487	8	-0.227	0.096	8.2E-03	AT2G40440	1.3	8.2E-01
1 mM SA	CHH	2	16890640	16890648	4	-0.168	0.098	2.6E-03	AT2G40440	1.3	8.2E-01
1 mM SA	CHH	2	16920975	16920983	4	-0.324	0.065	1.6E-03	AT2G40520	-1.9	1.3E-06
1 mM SA	CHH	2	16921444	16921518	8	-0.271	0.085	1.4E-04	AT2G40520	-1.9	1.3E-06
1 mM SA	CHH	2	17092587	17092600	8	-0.206	0.092	9.6E-03	AT2G40955	nd	nd
1 mM SA	CHH	2	17092651	17092658	4	-0.300	0.026	4.4E-05	AT2G40955	nd	nd
1 mM SA	CHH	2	17147587	17147647	8	0.174	0.086	2.6E-03	AT2G41140	0.0	1.0E+00
1 mM SA	CHH	2	17255886	17255906	4	-0.206	0.093	2.3E-03	AT2G41390	nd	nd
1 mM SA	CHH	2	17256694	17256716	10	-0.276	0.162	2.2E-03	AT2G41390	nd	nd
1 mM SA	CHH	2	17299580	17299628	10	0.230	0.116	8.6E-04	AT2G41480	0.5	4.1E-01
1 mM SA	CHH	2	17338101	17338109	4	-0.246	0.096	2.3E-03	AT2G41560	0.0	1.0E+00
1 mM SA	CHH	2	17530819	17530829	4	-0.198	0.079	9.4E-04	AT2G42000	nd	nd
1 mM SA	CHH	2	17788574	17788615	10	-0.338	0.071	6.3E-04	AT2G42730	0.8	1.5E-01
1 mM SA	CHH	2	18093227	18093233	4	-0.237	0.039	1.0E-04	AT2G43620	1.5	2.2E-03
1 mM SA	CHH	2	18093256	18093287	8	-0.173	0.075	9.0E-03	AT2G43620	1.5	2.2E-03
1 mM SA	CHH	2	18106879	18106898	4	-0.313	0.058	2.8E-03	AT2G43680	-1.8	4.6E-05

1 mM SA	CHH	2	18387922	18387927	4	-0.310	0.060	1.3E-04	AT2G44540	nd	nd
1 mM SA	CHH	2	18497077	18497183	10	-0.185	0.082	4.7E-03	AT2G44850	-0.5	5.3E-01
1 mM SA	CHH	2	18498419	18498455	10	-0.172	0.087	2.9E-03	AT2G44850	-0.5	5.3E-01
1 mM SA	CHH	2	18652400	18652437	6	-0.230	0.153	4.2E-03	AT2G45240	-0.2	6.5E-01
1 mM SA	CHH	2	18660196	18660203	4	-0.299	0.062	2.5E-04	AT2G45250	-0.2	8.8E-01
1 mM SA	CHH	2	18660237	18660259	6	-0.175	0.083	8.6E-03	AT2G45250	-0.2	8.8E-01
1 mM SA	CHH	2	18703077	18703090	4	-0.370	0.051	1.2E-03	AT2G45380	-1.4	1.2E-03
1 mM SA	CHH	2	18890283	18890289	4	-0.200	0.099	3.3E-03	AT2G45900	3.3	3.8E-05
1 mM SA	CHH	2	18890302	18890319	4	-0.316	0.058	2.3E-05	AT2G45900	3.3	3.8E-05
1 mM SA	CHH	2	18890382	18890392	4	-0.178	0.075	7.1E-03	AT2G45900	3.3	3.8E-05
1 mM SA	CHH	2	18957704	18957711	4	-0.239	0.156	3.8E-03	AT2G46130	nd	nd
1 mM SA	CHH	2	18972617	18972661	4	-0.224	0.132	4.5E-03	AT2G46190	nd	nd
1 mM SA	CHH	2	19072012	19072044	6	0.284	0.121	9.4E-03	AT2G46470	-0.8	1.3E-01
1 mM SA	CHH	2	19100516	19100546	4	0.689	0.127	1.1E-04	AT2G46520	0.1	8.8E-01
1 mM SA	CHH	2	19220072	19220130	4	0.290	0.072	3.5E-03	AT2G46770	Inf	2.8E-01
1 mM SA	CHH	2	19323479	19323493	4	-0.344	0.143	2.7E-03	AT2G47020	0.4	4.3E-01
1 mM SA	CHH	2	19528832	19528839	4	-0.329	0.056	7.3E-04	AT2G47610	0.7	1.4E-01
1 mM SA	CHH	2	19683847	19683860	6	-0.211	0.129	3.4E-03	AT2G48130	nd	nd
1 mM SA	CHH	3	557571	557579	4	0.310	0.069	1.4E-03	AT3G02610	-1.7	1.1E-01
1 mM SA	CHH	3	557879	557898	6	-0.339	0.068	5.5E-03	AT3G02610	-1.7	1.1E-01
1 mM SA	CHH	3	760313	760345	8	-0.251	0.103	6.2E-03	AT3G03260	nd	nd
1 mM SA	CHH	3	760434	760459	4	-0.340	0.018	4.4E-06	AT3G03260	nd	nd
1 mM SA	CHH	3	986341	986399	30	0.502	0.073	1.9E-04	AT3G03850	3.1	1.5E-07
1 mM SA	CHH	3	1166721	1166747	8	-0.285	0.225	5.2E-03	AT3G04400	0.4	3.5E-01
1 mM SA	CHH	3	1369896	1369932	8	-0.272	0.115	1.6E-03	AT3G04945	nd	nd
1 mM SA	CHH	3	1556318	1556338	4	-0.192	0.076	9.5E-03	AT3G05410	0.9	1.0E-02
1 mM SA	CHH	3	1692711	1692729	6	-0.190	0.074	5.1E-03	AT3G05725	nd	nd
1 mM SA	CHH	3	1928392	1928398	4	0.360	0.050	5.4E-03	AT3G06360	2.1	4.1E-01
1 mM SA	CHH	3	2132823	2132863	16	0.748	0.121	1.6E-05	AT3G06760	-0.8	9.7E-02
1 mM SA	CHH	3	2138525	2138542	6	-0.233	0.109	6.2E-03	AT3G06770	2.1	8.3E-15
1 mM SA	CHH	3	2251634	2251653	6	0.181	0.123	2.9E-03	AT3G07110	0.2	8.6E-01
1 mM SA	CHH	3	2258860	2258876	4	-0.183	0.115	8.8E-03	AT3G07130	0.8	2.3E-01
1 mM SA	CHH	3	2258922	2258980	32	0.197	0.104	1.3E-03	AT3G07130	0.8	2.3E-01
1 mM SA	CHH	3	2259530	2259564	4	0.277	0.103	3.9E-03	AT3G07130	0.8	2.3E-01
1 mM SA	CHH	3	2601253	2601268	4	0.251	0.155	3.9E-03	AT3G08560	-Inf	4.4E-01
1 mM SA	CHH	3	2601316	2601341	8	-0.275	0.066	2.4E-03	AT3G08560	-Inf	4.4E-01
1 mM SA	CHH	3	2629095	2629105	4	0.340	0.031	7.4E-03	AT3G08650	-0.9	6.6E-02
1 mM SA	CHH	3	2772631	2772637	4	-0.240	0.113	5.9E-03	AT3G09070	0.8	2.2E-01
1 mM SA	CHH	3	2849466	2849503	8	-0.285	0.106	7.9E-05	AT3G09270	-6.9	3.0E-34
1 mM SA	CHH	3	3080282	3080330	8	-0.311	0.138	3.1E-04	AT3G10000	Inf	5.3E-01
1 mM SA	CHH	3	3080495	3080521	4	-0.379	0.033	3.6E-04	AT3G10000	Inf	5.3E-01
1 mM SA	CHH	3	3080524	3080539	4	-0.260	0.060	7.2E-03	AT3G10000	Inf	5.3E-01
1 mM SA	CHH	3	3098741	3098826	4	0.375	0.096	1.2E-03	AT3G10050	1.8	4.6E-08
1 mM SA	CHH	3	3120537	3120582	4	-0.375	0.089	5.0E-03	AT3G10113	-Inf	1.0E+00
1 mM SA	CHH	3	3497990	3498071	12	-0.142	0.074	1.7E-03	AT3G11165	nd	nd
1 mM SA	CHH	3	3539014	3539073	10	-0.184	0.099	4.7E-03	AT3G11290	0.0	1.0E+00
1 mM SA	CHH	3	3873839	3873853	4	-0.225	0.106	1.3E-03	AT3G12140	-0.1	8.2E-01
1 mM SA	CHH	3	4494380	4494385	4	-0.186	0.070	6.6E-03	AT3G13710	-0.3	8.0E-01
1 mM SA	CHH	3	4494926	4494968	8	0.212	0.091	8.3E-03	AT3G13720	-0.6	3.1E-01

1 mM SA	CHH	3	4525862	4525894	8	0.313	0.069	7.3E-04	AT3G13780	-0.8	9.3E-02
1 mM SA	CHH	3	4584752	4584780	8	0.414	0.140	5.7E-03	AT3G13900	nd	nd
1 mM SA	CHH	3	4635369	4635421	16	-0.195	0.066	2.8E-03	AT3G14010	-1.0	2.0E-02
1 mM SA	CHH	3	4928101	4928129	12	0.613	0.065	6.4E-05	AT3G14670	-1.4	8.6E-01
1 mM SA	CHH	3	4928131	4928182	20	0.587	0.105	8.3E-09	AT3G14670	-1.4	8.6E-01
1 mM SA	CHH	3	4928543	4928648	18	-0.165	0.091	6.2E-03	AT3G14670	-1.4	8.6E-01
1 mM SA	CHH	3	4928888	4928917	4	0.304	0.058	1.2E-03	AT3G14670	-1.4	8.6E-01
1 mM SA	CHH	3	4930373	4930396	8	0.273	0.103	6.5E-04	AT3G14670	-1.4	8.6E-01
1 mM SA	CHH	3	4932192	4932209	4	0.281	0.132	6.3E-03	AT3G14680	-5.3	9.2E-14
1 mM SA	CHH	3	4977884	4977889	4	0.341	0.144	2.5E-03	AT3G14820	nd	nd
1 mM SA	CHH	3	5164940	5164944	4	0.291	0.103	4.9E-03	AT3G15350	0.7	1.3E-01
1 mM SA	CHH	3	5379292	5379440	22	-0.212	0.106	4.4E-03	AT3G15900	-0.5	3.1E-01
1 mM SA	CHH	3	5629379	5629392	4	0.256	0.137	7.2E-03	AT3G16540	Inf	2.8E-01
1 mM SA	CHH	3	5651234	5651251	8	-0.158	0.119	5.0E-04	AT3G16590	Inf	5.3E-01
1 mM SA	CHH	3	5652302	5652330	10	-0.249	0.137	1.3E-03	AT3G16590	Inf	5.3E-01
1 mM SA	CHH	3	5729875	5729884	4	-0.280	0.139	9.7E-04	AT3G16820	nd	nd
1 mM SA	CHH	3	5929854	5929864	4	-0.287	0.021	1.3E-04	AT3G17340	0.0	9.7E-01
1 mM SA	CHH	3	6073402	6073442	10	-0.150	0.152	9.1E-03	AT3G17750	0.3	5.5E-01
1 mM SA	CHH	3	6246921	6246941	8	-0.236	0.082	1.0E-03	AT3G18220	nd	nd
1 mM SA	CHH	3	6486732	6486775	8	-0.236	0.117	7.4E-03	AT3G18820	-0.7	1.3E-01
1 mM SA	CHH	3	6705349	6705355	4	-0.285	0.068	6.9E-04	AT3G19350	Inf	1.5E-03
1 mM SA	CHH	3	6940731	6940785	12	-0.175	0.108	1.4E-04	AT3G19950	-1.0	2.2E-02
1 mM SA	CHH	3	7355581	7355593	4	0.386	0.060	7.9E-04	AT3G20980	nd	nd
1 mM SA	CHH	3	7634694	7634734	8	-0.277	0.128	3.3E-04	AT3G21680	Inf	6.7E-02
1 mM SA	CHH	3	7659061	7659092	10	-0.309	0.072	4.6E-04	AT3G21730	nd	nd
1 mM SA	CHH	3	7679770	7679809	8	-0.172	0.094	7.0E-03	AT3G21790	-2.2	4.8E-07
1 mM SA	CHH	3	7704082	7704108	12	-0.151	0.103	9.4E-03	AT3G21870	-0.8	5.7E-02
1 mM SA	CHH	3	7714282	7714327	16	-0.196	0.080	8.8E-03	AT3G21900	nd	nd
1 mM SA	CHH	3	7765891	7765905	4	0.273	0.048	7.6E-04	AT3G22053	nd	nd
1 mM SA	CHH	3	7766313	7766327	4	0.330	0.122	1.1E-03	AT3G22053	nd	nd
1 mM SA	CHH	3	7782366	7782374	4	0.286	0.090	1.8E-03	AT3G22090	Inf	1.4E-01
1 mM SA	CHH	3	7804835	7804880	8	-0.218	0.094	5.8E-03	AT3G22142	2.5	5.4E-07
1 mM SA	CHH	3	7845358	7845380	8	-0.254	0.122	7.5E-04	AT3G22230	0.5	2.8E-01
1 mM SA	CHH	3	7850543	7850555	4	0.434	0.043	5.7E-04	AT3G22231	-0.7	8.7E-02
1 mM SA	CHH	3	7860469	7860493	4	0.226	0.123	7.9E-03	AT3G22240	-3.9	2.3E-04
1 mM SA	CHH	3	7921898	7921912	4	0.298	0.055	5.1E-03	AT3G22400	-0.8	9.6E-02
1 mM SA	CHH	3	7922397	7922406	4	-0.199	0.132	6.0E-03	AT3G22400	-0.8	9.6E-02
1 mM SA	CHH	3	7937268	7937283	4	0.246	0.065	2.6E-03	AT3G22410	-0.1	1.0E+00
1 mM SA	CHH	3	7994955	7994972	4	-0.318	0.104	4.5E-03	AT3G22550	-0.1	6.6E-01
1 mM SA	CHH	3	7995579	7995618	8	-0.259	0.092	5.6E-04	AT3G22550	-0.1	6.6E-01
1 mM SA	CHH	3	8003580	8003589	4	-0.290	0.139	9.9E-03	AT3G22590	-0.3	5.3E-01
1 mM SA	CHH	3	8026389	8026416	4	0.225	0.120	1.5E-03	AT3G22710	nd	nd
1 mM SA	CHH	3	8027086	8027122	4	-0.211	0.122	8.7E-03	AT3G22710	nd	nd
1 mM SA	CHH	3	8095880	8095887	4	0.236	0.100	1.7E-03	AT3G22870	nd	nd
1 mM SA	CHH	3	8101178	8101194	6	0.463	0.110	1.1E-05	AT3G22880	0.4	4.5E-01
1 mM SA	CHH	3	8101196	8101204	4	0.650	0.032	1.2E-04	AT3G22880	0.4	4.5E-01
1 mM SA	CHH	3	8101206	8101226	10	0.676	0.133	5.5E-05	AT3G22880	0.4	4.5E-01
1 mM SA	CHH	3	8101228	8101242	6	0.687	0.166	2.3E-05	AT3G22880	0.4	4.5E-01
1 mM SA	CHH	3	8129859	8129898	10	-0.197	0.080	7.5E-03	AT3G22940	nd	nd

1 mM SA	CHH	3	8209614	8209637	6	-0.249	0.096	6.4E-03	AT3G23080	1.9	4.6E-10
1 mM SA	CHH	3	8231364	8231401	12	-0.188	0.086	4.4E-03	AT3G23120	-2.2	8.9E-07
1 mM SA	CHH	3	8245273	8245281	4	-0.318	0.062	9.4E-04	AT3G23130	nd	nd
1 mM SA	CHH	3	8294783	8294795	4	0.388	0.154	2.5E-04	AT3G23240	-1.4	5.2E-02
1 mM SA	CHH	3	8302229	8302254	6	-0.167	0.107	2.9E-03	AT3G23245	-Inf	6.6E-01
1 mM SA	CHH	3	8332208	8332217	4	-0.225	0.049	2.8E-03	AT3G23300	0.3	5.3E-01
1 mM SA	CHH	3	8332225	8332260	8	-0.198	0.144	9.6E-04	AT3G23300	0.3	5.3E-01
1 mM SA	CHH	3	8343696	8343724	8	-0.165	0.083	9.2E-03	AT3G23320	nd	nd
1 mM SA	CHH	3	8397608	8397620	4	0.228	0.074	6.3E-03	AT3G23430	1.0	5.4E-02
1 mM SA	CHH	3	8426988	8427020	10	-0.144	0.081	3.3E-03	AT3G23510	-1.7	5.7E-03
1 mM SA	CHH	3	8492098	8492108	6	-0.275	0.026	2.7E-03	AT3G23630	-1.1	3.9E-01
1 mM SA	CHH	3	8493264	8493307	8	-0.183	0.112	2.0E-03	AT3G23633	nd	nd
1 mM SA	CHH	3	8493356	8493388	14	-0.241	0.104	8.2E-03	AT3G23633	nd	nd
1 mM SA	CHH	3	8497095	8497141	14	-0.199	0.071	1.3E-03	AT3G23633	nd	nd
1 mM SA	CHH	3	8538858	8538917	6	-0.215	0.114	9.8E-03	AT3G23715	nd	nd
1 mM SA	CHH	3	8541055	8541078	4	-0.236	0.070	1.6E-03	AT3G23727	nd	nd
1 mM SA	CHH	3	8543097	8543127	12	-0.172	0.141	6.3E-03	AT3G23727	nd	nd
1 mM SA	CHH	3	8645491	8645513	6	-0.161	0.103	5.2E-03	AT3G23930	-1.9	4.1E-03
1 mM SA	CHH	3	8654609	8654627	6	0.326	0.055	7.8E-05	AT3G23950	nd	nd
1 mM SA	CHH	3	8659935	8659941	4	-0.333	0.120	5.8E-04	AT3G23970	nd	nd
1 mM SA	CHH	3	8684447	8684456	6	0.159	0.109	9.5E-03	AT3G24040	0.7	7.5E-02
1 mM SA	CHH	3	8695732	8695753	4	0.742	0.143	3.2E-06	AT3G24080	0.2	1.0E+00
1 mM SA	CHH	3	8695756	8695774	4	0.515	0.118	1.2E-04	AT3G24080	0.2	1.0E+00
1 mM SA	CHH	3	8772222	8772281	6	0.189	0.109	5.0E-03	AT3G24230	1.3	3.4E-01
1 mM SA	CHH	3	8873121	8873133	6	-0.259	0.065	3.6E-03	AT3G24430	1.6	1.0E-06
1 mM SA	CHH	3	8883973	8883985	4	0.189	0.088	5.2E-03	AT3G24450	0.4	6.1E-01
1 mM SA	CHH	3	8919406	8919438	8	-0.286	0.077	1.2E-03	AT3G24500	-0.7	6.5E-02
1 mM SA	CHH	3	8944930	8944970	14	-0.147	0.090	6.1E-03	AT3G24530	0.0	9.4E-01
1 mM SA	CHH	3	9222425	9222432	4	0.336	0.026	4.8E-04	AT3G25430	-0.2	7.3E-01
1 mM SA	CHH	3	9228070	9228103	4	0.361	0.085	1.3E-03	AT3G25440	-0.2	6.6E-01
1 mM SA	CHH	3	9239471	9239527	6	0.172	0.128	9.1E-03	AT3G25490	-3.7	1.1E-01
1 mM SA	CHH	3	9240364	9240445	14	-0.179	0.128	5.7E-03	AT3G25490	-3.7	1.1E-01
1 mM SA	CHH	3	9256218	9256233	6	0.250	0.098	5.0E-03	AT3G25500	0.8	5.5E-02
1 mM SA	CHH	3	9384412	9384435	4	-0.244	0.049	3.3E-03	AT3G25720	-Inf	1.0E+00
1 mM SA	CHH	3	9390598	9390635	4	0.198	0.080	6.5E-04	AT3G25727	nd	nd
1 mM SA	CHH	3	9406070	9406081	4	-0.240	0.090	7.0E-03	AT3G25770	4.3	9.7E-135
1 mM SA	CHH	3	9429335	9429366	8	0.257	0.105	9.4E-04	AT3G25805	1.0	7.3E-03
1 mM SA	CHH	3	9558513	9558523	4	-0.267	0.093	2.4E-03	AT3G26130	-1.1	8.0E-01
1 mM SA	CHH	3	9559660	9559676	4	0.215	0.161	6.8E-03	AT3G26140	nd	nd
1 mM SA	CHH	3	9595747	9595764	4	-0.245	0.064	5.4E-04	AT3G26210	-2.4	3.5E-07
1 mM SA	CHH	3	9608131	9608142	4	-0.330	0.141	2.8E-03	AT3G26240	0.0	1.0E+00
1 mM SA	CHH	3	9608158	9608200	4	-0.277	0.079	7.3E-04	AT3G26240	0.0	1.0E+00
1 mM SA	CHH	3	9610342	9610442	18	-0.179	0.124	6.8E-04	AT3G26250	nd	nd
1 mM SA	CHH	3	9613595	9613641	4	-0.186	0.100	7.2E-03	AT3G26250	nd	nd
1 mM SA	CHH	3	9646618	9646635	8	-0.179	0.121	9.9E-03	AT3G26320	-0.6	3.2E-01
1 mM SA	CHH	3	9664742	9664755	4	0.273	0.151	1.6E-03	AT3G26390	nd	nd
1 mM SA	CHH	3	9664931	9664970	4	0.206	0.126	4.0E-03	AT3G26390	nd	nd
1 mM SA	CHH	3	9693141	9693161	4	-0.237	0.165	6.8E-03	AT3G26480	1.0	3.7E-01
1 mM SA	CHH	3	9703042	9703057	4	-0.195	0.068	9.6E-04	AT3G26490	1.1	2.4E-02

1 mM SA	CHH	3	9767095	9767103	4	-0.205	0.079	8.1E-03	AT3G26590	-2.3	5.7E-09
1 mM SA	CHH	3	9773987	9774026	16	-0.250	0.070	2.2E-03	AT3G26610	-Inf	1.0E+00
1 mM SA	CHH	3	9788173	9788254	16	-0.183	0.121	1.9E-03	AT3G26616	nd	nd
1 mM SA	CHH	3	9903411	9903455	6	-0.275	0.113	6.6E-03	AT3G26870	nd	nd
1 mM SA	CHH	3	9936223	9936246	4	0.191	0.087	6.8E-03	AT3G26935	-0.4	3.3E-01
1 mM SA	CHH	3	9977161	9977223	16	-0.278	0.147	3.1E-03	AT3G27040	nd	nd
1 mM SA	CHH	3	10049158	10049163	4	-0.187	0.066	9.9E-03	AT3G27210	-1.4	7.2E-03
1 mM SA	CHH	3	10049187	10049266	12	-0.236	0.141	6.2E-03	AT3G27210	-1.4	7.2E-03
1 mM SA	CHH	3	10112092	10112099	4	-0.149	0.094	4.9E-03	AT3G27328	nd	nd
1 mM SA	CHH	3	10139416	10139426	4	-0.173	0.135	8.6E-03	AT3G27400	0.4	4.4E-01
1 mM SA	CHH	3	10146681	10146699	4	-0.299	0.098	9.2E-03	AT3G27415	0.8	5.3E-01
1 mM SA	CHH	3	10171670	10171709	8	0.195	0.099	4.1E-03	AT3G27473	-2.4	2.5E-02
1 mM SA	CHH	3	10190968	10191023	16	-0.150	0.076	1.3E-03	AT3G27510	-Inf	3.4E-03
1 mM SA	CHH	3	10202020	10202035	8	0.211	0.099	2.8E-03	AT3G27530	-0.2	6.3E-01
1 mM SA	CHH	3	10253766	10253770	4	-0.246	0.132	6.4E-03	AT3G27680	Inf	5.3E-01
1 mM SA	CHH	3	10253840	10253900	6	-0.232	0.060	1.2E-04	AT3G27680	Inf	5.3E-01
1 mM SA	CHH	3	10263217	10263311	26	-0.223	0.096	2.4E-03	AT3G27700	-0.3	4.8E-01
1 mM SA	CHH	3	10272256	10272277	8	0.484	0.090	1.9E-04	AT3G27720	nd	nd
1 mM SA	CHH	3	10272279	10272286	4	0.539	0.034	5.0E-05	AT3G27720	nd	nd
1 mM SA	CHH	3	10272287	10272300	6	0.523	0.126	5.0E-04	AT3G27720	nd	nd
1 mM SA	CHH	3	10293254	10293263	4	-0.301	0.088	1.2E-03	AT3G27785	nd	nd
1 mM SA	CHH	3	10301896	10301980	4	0.150	0.202	9.2E-03	AT3G27800	nd	nd
1 mM SA	CHH	3	10341534	10341543	4	-0.206	0.104	9.4E-03	AT3G27880	-0.1	1.0E+00
1 mM SA	CHH	3	10404978	10405059	6	-0.285	0.088	6.0E-03	AT3G27999	nd	nd
1 mM SA	CHH	3	10405822	10405842	4	-0.259	0.030	9.1E-04	AT3G27999	nd	nd
1 mM SA	CHH	3	10414058	10414066	4	-0.250	0.054	6.3E-04	AT3G28007	0.2	5.8E-01
1 mM SA	CHH	3	10415249	10415254	4	0.205	0.103	9.9E-03	AT3G28020	nd	nd
1 mM SA	CHH	3	10423628	10423640	4	-0.224	0.131	2.2E-03	AT3G28030	-0.7	6.4E-02
1 mM SA	CHH	3	10440559	10440606	6	0.230	0.079	7.3E-03	AT3G28050	-1.4	2.0E-03
1 mM SA	CHH	3	10457482	10457494	4	0.307	0.067	1.3E-03	AT3G28100	-2.9	5.8E-12
1 mM SA	CHH	3	10459818	10459842	10	-0.252	0.175	1.4E-03	AT3G28100	-2.9	5.8E-12
1 mM SA	CHH	3	10463589	10463661	6	-0.184	0.153	7.1E-03	AT3G28120	nd	nd
1 mM SA	CHH	3	10465016	10465056	16	-0.235	0.055	3.7E-04	AT3G28130	2.9	2.3E-28
1 mM SA	CHH	3	10511360	10511396	10	-0.206	0.091	7.1E-03	AT3G28190	-Inf	1.0E+00
1 mM SA	CHH	3	10517743	10517755	6	-0.188	0.107	8.3E-03	AT3G28200	0.8	2.7E-02
1 mM SA	CHH	3	10517930	10517946	8	-0.199	0.071	4.7E-03	AT3G28200	0.8	2.7E-02
1 mM SA	CHH	3	10522253	10522264	4	-0.217	0.108	8.8E-03	AT3G28216	nd	nd
1 mM SA	CHH	3	10585831	10585892	8	0.355	0.135	1.7E-04	AT3G28330	nd	nd
1 mM SA	CHH	3	10593495	10593502	4	0.277	0.143	2.1E-03	AT3G28340	0.0	6.7E-01
1 mM SA	CHH	3	10653993	10654021	10	-0.271	0.109	5.1E-03	AT3G28420	2.9	6.3E-09
1 mM SA	CHH	3	10666602	10666608	4	-0.238	0.042	2.5E-04	AT3G28450	-0.5	4.2E-01
1 mM SA	CHH	3	10717144	10717168	10	0.481	0.079	1.2E-04	AT3G28580	-3.8	2.2E-18
1 mM SA	CHH	3	10717174	10717181	4	0.768	0.126	7.5E-06	AT3G28580	-3.8	2.2E-18
1 mM SA	CHH	3	10719323	10719333	4	-0.288	0.047	5.5E-04	AT3G28590	nd	nd
1 mM SA	CHH	3	10752196	10752204	4	0.239	0.037	5.5E-03	AT3G28680	nd	nd
1 mM SA	CHH	3	10752333	10752353	4	-0.318	0.057	1.2E-04	AT3G28680	nd	nd
1 mM SA	CHH	3	10753316	10753348	14	-0.222	0.087	1.6E-04	AT3G28690	-0.1	9.8E-01
1 mM SA	CHH	3	10763072	10763080	4	-0.343	0.188	6.8E-03	AT3G28700	0.6	2.5E-01
1 mM SA	CHH	3	10811785	10811809	4	-0.170	0.103	5.1E-03	AT3G28780	nd	nd

1 mM SA	CHH	3	10820162	10820174	4	-0.361	0.157	3.2E-03	AT3G28810	nd	nd
1 mM SA	CHH	3	10827321	10827335	6	0.220	0.070	2.9E-03	AT3G28820	nd	nd
1 mM SA	CHH	3	10840525	10840529	4	-0.392	0.100	1.9E-03	AT3G28840	3.2	2.3E-03
1 mM SA	CHH	3	10905308	10905322	6	-0.272	0.058	5.8E-03	AT3G28900	0.4	5.6E-01
1 mM SA	CHH	3	10905868	10905885	6	-0.207	0.092	2.7E-03	AT3G28900	0.4	5.6E-01
1 mM SA	CHH	3	10908308	10908331	4	-0.209	0.092	2.6E-03	AT3G28910	1.3	1.7E-04
1 mM SA	CHH	3	10946470	10946511	6	-0.258	0.148	6.9E-03	AT3G28920	-0.7	1.0E-01
1 mM SA	CHH	3	10958772	10958793	8	-0.172	0.093	3.6E-03	AT3G28925	nd	nd
1 mM SA	CHH	3	10980535	10980545	4	-0.230	0.064	1.8E-03	AT3G28956	-0.6	5.0E-01
1 mM SA	CHH	3	10980615	10980645	6	0.259	0.101	4.3E-03	AT3G28956	-0.6	5.0E-01
1 mM SA	CHH	3	10997647	10997740	4	0.243	0.175	3.9E-03	AT3G28980	nd	nd
1 mM SA	CHH	3	11016935	11016967	4	-0.253	0.082	4.7E-03	AT3G29030	4.3	1.4E-42
1 mM SA	CHH	3	11022374	11022387	4	-0.273	0.077	2.2E-03	AT3G29033	nd	nd
1 mM SA	CHH	3	11049729	11049758	4	0.235	0.060	4.2E-03	AT3G29070	nd	nd
1 mM SA	CHH	3	11054147	11054158	4	-0.355	0.132	7.8E-03	AT3G29075	-1.3	1.9E-03
1 mM SA	CHH	3	11064696	11064740	6	-0.179	0.075	4.3E-03	AT3G29080	nd	nd
1 mM SA	CHH	3	11069200	11069220	4	-0.202	0.088	2.5E-03	AT3G29080	nd	nd
1 mM SA	CHH	3	11079067	11079086	8	-0.259	0.145	1.4E-03	AT3G29100	0.0	9.5E-01
1 mM SA	CHH	3	11079270	11079282	6	-0.177	0.086	1.3E-03	AT3G29100	0.0	9.5E-01
1 mM SA	CHH	3	11082822	11082846	4	0.291	0.087	5.2E-03	AT3G29110	Inf	5.3E-01
1 mM SA	CHH	3	11104522	11104562	10	-0.157	0.080	1.9E-03	AT3G29130	-0.1	9.7E-01
1 mM SA	CHH	3	11135417	11135446	6	-0.202	0.104	5.0E-03	AT3G29170	-0.5	3.8E-01
1 mM SA	CHH	3	11141087	11141090	4	-0.184	0.130	8.4E-03	AT3G29170	-0.5	3.8E-01
1 mM SA	CHH	3	11142232	11142243	4	0.192	0.112	3.8E-03	AT3G29170	-0.5	3.8E-01
1 mM SA	CHH	3	11153010	11153016	4	-0.278	0.089	2.7E-04	AT3G29185	1.5	1.3E-06
1 mM SA	CHH	3	11170190	11170227	4	-0.199	0.119	7.3E-03	AT3G29200	-0.2	5.3E-01
1 mM SA	CHH	3	11197406	11197478	4	-0.154	0.157	5.5E-03	AT3G29250	-8.1	1.2E-40
1 mM SA	CHH	3	11205367	11205374	4	0.293	0.175	4.1E-03	AT3G29255	nd	nd
1 mM SA	CHH	3	11206268	11206319	8	-0.155	0.074	6.3E-03	AT3G29255	nd	nd
1 mM SA	CHH	3	11272668	11272691	6	-0.169	0.097	2.6E-03	AT3G29360	1.1	1.5E-03
1 mM SA	CHH	3	11295854	11295860	4	0.317	0.078	2.1E-03	AT3G29400	-0.2	8.3E-01
1 mM SA	CHH	3	11319313	11319326	6	-0.166	0.086	1.4E-03	AT3G29450	nd	nd
1 mM SA	CHH	3	11319905	11319910	4	0.215	0.055	8.0E-04	AT3G29450	nd	nd
1 mM SA	CHH	3	11321229	11321238	4	0.255	0.096	3.8E-03	AT3G29450	nd	nd
1 mM SA	CHH	3	11321304	11321311	4	0.225	0.048	6.1E-03	AT3G29450	nd	nd
1 mM SA	CHH	3	11324796	11324834	4	-0.182	0.253	8.6E-03	AT3G29450	nd	nd
1 mM SA	CHH	3	11358329	11358378	10	0.180	0.145	9.4E-03	AT3G29560	nd	nd
1 mM SA	CHH	3	11360604	11360611	4	-0.366	0.106	6.5E-04	AT3G29560	nd	nd
1 mM SA	CHH	3	11455675	11455694	6	0.414	0.123	4.7E-04	AT3G29633	nd	nd
1 mM SA	CHH	3	11455771	11455805	8	-0.141	0.083	4.1E-03	AT3G29633	nd	nd
1 mM SA	CHH	3	11470813	11470835	6	0.223	0.098	3.3E-03	AT3G29636	nd	nd
1 mM SA	CHH	3	11553790	11553837	4	-0.224	0.109	5.1E-04	AT3G29720	nd	nd
1 mM SA	CHH	3	11579872	11579886	4	-0.218	0.072	5.1E-03	AT3G29750	nd	nd
1 mM SA	CHH	3	11583627	11583653	4	-0.234	0.109	4.3E-03	AT3G29750	nd	nd
1 mM SA	CHH	3	11588894	11588899	4	-0.224	0.058	1.1E-03	AT3G29760	1.1	1.6E-03
1 mM SA	CHH	3	11597291	11597300	4	-0.342	0.054	9.9E-04	AT3G29765	nd	nd
1 mM SA	CHH	3	11597307	11597333	4	-0.216	0.059	4.1E-03	AT3G29765	nd	nd
1 mM SA	CHH	3	11609212	11609236	4	-0.259	0.071	3.4E-03	AT3G29785	nd	nd
1 mM SA	CHH	3	11612513	11612596	6	-0.185	0.132	7.8E-03	AT3G29785	nd	nd

1 mM SA	CHH	3	11676500	11676528	4	0.204	0.143	5.6E-04	AT3G29780	nd	nd
1 mM SA	CHH	3	11714692	11714742	6	-0.149	0.110	3.7E-03	AT3G29797	nd	nd
1 mM SA	CHH	3	11727388	11727423	10	0.286	0.099	8.3E-03	AT3G29810	-1.8	7.6E-03
1 mM SA	CHH	3	11740070	11740177	6	-0.138	0.125	2.1E-03	AT3G29830	nd	nd
1 mM SA	CHH	3	11741421	11741436	6	-0.193	0.094	7.6E-03	AT3G29970	-Inf	6.6E-01
1 mM SA	CHH	3	11874464	11874530	6	-0.187	0.145	2.4E-03	AT3G30220	nd	nd
1 mM SA	CHH	3	11886612	11886659	6	0.237	0.309	5.8E-03	AT3G30247	nd	nd
1 mM SA	CHH	3	11890376	11890432	8	-0.318	0.195	5.0E-03	AT3G30247	nd	nd
1 mM SA	CHH	3	11931656	11931679	4	-0.265	0.121	3.6E-03	AT3G30320	nd	nd
1 mM SA	CHH	3	11934205	11934233	6	-0.222	0.073	5.7E-03	AT3G30320	nd	nd
1 mM SA	CHH	3	11955645	11955703	4	0.183	0.188	9.6E-03	AT3G30340	0.9	5.5E-01
1 mM SA	CHH	3	11970494	11970558	8	0.159	0.104	6.6E-03	AT3G30380	0.2	5.9E-01
1 mM SA	CHH	3	11984651	11984730	4	-0.165	0.172	8.2E-03	AT3G30383	nd	nd
1 mM SA	CHH	3	12067016	12067041	6	0.212	0.081	7.7E-03	AT3G30430	nd	nd
1 mM SA	CHH	3	12106763	12106795	4	-0.302	0.080	5.4E-03	AT3G30460	0.9	3.4E-01
1 mM SA	CHH	3	12106877	12106924	6	-0.128	0.097	9.2E-03	AT3G30460	0.9	3.4E-01
1 mM SA	CHH	3	12169940	12169947	4	0.270	0.060	7.1E-03	AT3G30580	nd	nd
1 mM SA	CHH	3	12171659	12171692	4	0.285	0.096	6.8E-03	AT3G30580	nd	nd
1 mM SA	CHH	3	12346786	12346947	14	-0.147	0.132	4.2E-03	AT3G30720	-1.5	9.7E-03
1 mM SA	CHH	3	12354177	12354187	4	-0.309	0.093	8.4E-03	AT3G30725	nd	nd
1 mM SA	CHH	3	12440798	12440907	6	-0.134	0.099	2.2E-03	AT3G30768	nd	nd
1 mM SA	CHH	3	12443457	12443528	4	-0.185	0.166	9.9E-03	AT3G30768	nd	nd
1 mM SA	CHH	3	12463615	12463647	4	-0.244	0.090	5.3E-03	AT3G30778	nd	nd
1 mM SA	CHH	3	12494292	12494316	4	-0.348	0.085	9.9E-03	AT3G30805	nd	nd
1 mM SA	CHH	3	12584988	12585027	4	-0.366	0.136	1.3E-03	AT3G30840	nd	nd
1 mM SA	CHH	3	12587154	12587170	4	0.256	0.064	2.7E-03	AT3G30840	nd	nd
1 mM SA	CHH	3	12669069	12669079	4	0.484	0.042	1.8E-04	AT3G31068	nd	nd
1 mM SA	CHH	3	12670303	12670311	4	0.284	0.083	6.3E-03	AT3G31068	nd	nd
1 mM SA	CHH	3	12700773	12700790	4	-0.178	0.113	9.2E-03	AT3G31350	nd	nd
1 mM SA	CHH	3	12765215	12765265	4	0.322	0.124	3.2E-03	AT3G31400	nd	nd
1 mM SA	CHH	3	12914741	12914816	4	-0.201	0.199	8.1E-03	AT3G31910	-Inf	1.0E+00
1 mM SA	CHH	3	13077793	13077869	12	-0.162	0.077	5.4E-03	AT3G32090	-Inf	6.6E-01
1 mM SA	CHH	3	13080707	13080744	6	-0.238	0.087	1.0E-03	AT3G32090	-Inf	6.6E-01
1 mM SA	CHH	3	13096959	13096989	4	-0.315	0.019	5.9E-03	AT3G32100	nd	nd
1 mM SA	CHH	3	13097305	13097350	6	-0.141	0.106	9.5E-03	AT3G32100	nd	nd
1 mM SA	CHH	3	13373950	13373964	4	0.222	0.134	6.3E-03	AT3G32410	nd	nd
1 mM SA	CHH	3	13421833	13421860	6	-0.267	0.062	8.8E-03	AT3G32905	nd	nd
1 mM SA	CHH	3	13427506	13427526	4	-0.295	0.168	5.2E-04	AT3G32896	nd	nd
1 mM SA	CHH	3	13453903	13453970	16	-0.178	0.106	1.7E-03	AT3G32904	nd	nd
1 mM SA	CHH	3	13500746	13500786	6	-0.193	0.088	4.4E-03	AT3G32960	nd	nd
1 mM SA	CHH	3	14098942	14098957	4	-0.318	0.093	4.6E-03	AT3G33520	-0.2	7.3E-01
1 mM SA	CHH	3	14235195	14235207	6	-0.190	0.112	7.0E-03	AT3G42050	0.2	6.7E-01
1 mM SA	CHH	3	14254404	14254490	30	0.444	0.119	1.1E-04	AT3G42060	nd	nd
1 mM SA	CHH	3	14297916	14297920	4	-0.280	0.030	2.2E-04	AT3G42130	nd	nd
1 mM SA	CHH	3	14299356	14299360	4	0.368	0.163	8.7E-03	AT3G42130	nd	nd
1 mM SA	CHH	3	14305227	14305233	4	0.361	0.054	8.4E-05	AT3G42140	nd	nd
1 mM SA	CHH	3	14305235	14305310	36	0.311	0.078	5.4E-04	AT3G42140	nd	nd
1 mM SA	CHH	3	14312187	14312222	4	-0.292	0.172	2.8E-03	AT3G42155	nd	nd
1 mM SA	CHH	3	14318698	14318709	6	0.187	0.099	3.7E-03	AT3G42170	0.0	9.9E-01

1 mM SA	CHH	3	14318928	14318947	8	-0.157	0.102	5.2E-03	AT3G42170	0.0	9.9E-01
1 mM SA	CHH	3	14611300	14611317	4	-0.217	0.123	6.3E-03	AT3G42475	nd	nd
1 mM SA	CHH	3	14690540	14690564	4	0.351	0.185	9.0E-04	AT3G42570	nd	nd
1 mM SA	CHH	3	14761593	14761617	10	0.181	0.088	6.4E-03	AT3G42670	0.2	7.4E-01
1 mM SA	CHH	3	14841331	14841340	4	0.384	0.170	1.6E-03	AT3G42723	nd	nd
1 mM SA	CHH	3	14908065	14908081	6	-0.240	0.110	1.0E-04	AT3G42800	5.0	5.4E-08
1 mM SA	CHH	3	14929002	14929025	4	0.346	0.034	6.9E-03	AT3G42830	nd	nd
1 mM SA	CHH	3	14934625	14934648	4	-0.270	0.080	7.2E-03	AT3G42830	nd	nd
1 mM SA	CHH	3	15021527	15021541	4	-0.182	0.077	7.5E-03	AT3G42960	nd	nd
1 mM SA	CHH	3	15034855	15034935	12	-0.152	0.087	1.5E-03	AT3G42990	nd	nd
1 mM SA	CHH	3	15080986	15081005	4	-0.210	0.101	6.3E-03	AT3G43083	nd	nd
1 mM SA	CHH	3	15097710	15097729	4	0.243	0.108	1.9E-03	AT3G43120	nd	nd
1 mM SA	CHH	3	15161906	15161937	8	0.172	0.128	6.2E-03	AT3G43160	nd	nd
1 mM SA	CHH	3	15164058	15164110	8	-0.186	0.091	1.4E-03	AT3G43160	nd	nd
1 mM SA	CHH	3	15190038	15190058	6	0.209	0.092	3.4E-03	AT3G43210	0.5	3.9E-01
1 mM SA	CHH	3	15221444	15221490	4	0.233	0.159	8.7E-04	AT3G43260	nd	nd
1 mM SA	CHH	3	15225393	15225418	6	-0.305	0.082	5.5E-03	AT3G43270	0.3	4.4E-01
1 mM SA	CHH	3	15226000	15226014	6	-0.208	0.102	6.2E-03	AT3G43270	0.3	4.4E-01
1 mM SA	CHH	3	15230939	15230959	4	-0.200	0.143	6.8E-03	AT3G43290	nd	nd
1 mM SA	CHH	3	15233256	15233271	4	-0.200	0.100	6.1E-03	AT3G43291	-Inf	1.0E+00
1 mM SA	CHH	3	15245857	15245954	10	-0.169	0.102	9.0E-03	AT3G43300	0.0	1.0E+00
1 mM SA	CHH	3	15350528	15350540	4	-0.189	0.068	1.5E-03	AT3G43430	1.5	1.9E-02
1 mM SA	CHH	3	15361365	15361392	6	-0.187	0.092	6.4E-03	AT3G43432	nd	nd
1 mM SA	CHH	3	15370834	15370847	4	-0.210	0.106	2.5E-03	AT3G43440	-1.0	4.0E-02
1 mM SA	CHH	3	15371852	15371866	8	-0.207	0.122	2.4E-03	AT3G43440	-1.0	4.0E-02
1 mM SA	CHH	3	15372043	15372057	4	0.253	0.165	1.8E-03	AT3G43440	-1.0	4.0E-02
1 mM SA	CHH	3	15410568	15410605	4	-0.230	0.133	7.9E-03	AT3G43520	-0.4	4.2E-01
1 mM SA	CHH	3	15434006	15434079	6	-0.111	0.090	8.4E-03	AT3G43540	0.4	2.6E-01
1 mM SA	CHH	3	15472035	15472114	10	-0.227	0.132	8.5E-03	AT3G43570	nd	nd
1 mM SA	CHH	3	15472465	15472590	6	-0.176	0.151	9.6E-03	AT3G43570	nd	nd
1 mM SA	CHH	3	15587264	15587315	4	-0.392	0.077	5.8E-03	AT3G43682	nd	nd
1 mM SA	CHH	3	15609674	15609684	4	0.255	0.060	1.4E-04	AT3G43710	nd	nd
1 mM SA	CHH	3	15612637	15612654	4	-0.161	0.165	8.7E-03	AT3G43720	2.2	3.3E-16
1 mM SA	CHH	3	15641789	15641806	4	0.276	0.102	4.6E-03	AT3G43740	0.8	3.9E-02
1 mM SA	CHH	3	15654781	15654790	4	-0.235	0.062	1.5E-03	AT3G43790	0.0	1.0E+00
1 mM SA	CHH	3	15688102	15688159	6	-0.203	0.155	2.8E-03	AT3G43833	nd	nd
1 mM SA	CHH	3	15727608	15727679	6	-0.202	0.167	5.4E-03	AT3G43870	nd	nd
1 mM SA	CHH	3	15728165	15728283	16	-0.121	0.117	2.8E-03	AT3G43870	nd	nd
1 mM SA	CHH	3	15732980	15733021	6	-0.192	0.145	7.7E-03	AT3G43870	nd	nd
1 mM SA	CHH	3	15741374	15741379	4	-0.303	0.062	2.7E-04	AT3G43890	nd	nd
1 mM SA	CHH	3	15746598	15746620	8	0.177	0.175	4.9E-03	AT3G43900	nd	nd
1 mM SA	CHH	3	15753104	15753111	4	-0.203	0.078	2.8E-03	AT3G43920	0.1	8.2E-01
1 mM SA	CHH	3	15787749	15787797	6	-0.197	0.098	9.7E-03	AT3G43990	nd	nd
1 mM SA	CHH	3	15794720	15794729	4	-0.277	0.135	7.3E-03	AT3G44006	nd	nd
1 mM SA	CHH	3	15796235	15796249	4	-0.249	0.089	2.2E-03	AT3G44006	nd	nd
1 mM SA	CHH	3	15798010	15798023	4	-0.193	0.083	3.5E-03	AT3G44006	nd	nd
1 mM SA	CHH	3	15798156	15798168	6	-0.207	0.136	1.3E-03	AT3G44006	nd	nd
1 mM SA	CHH	3	15814603	15814623	4	-0.270	0.030	4.4E-03	AT3G44050	1.4	1.0E-01
1 mM SA	CHH	3	15814691	15814698	4	-0.240	0.108	9.2E-03	AT3G44050	1.4	1.0E-01

1 mM SA	CHH	3	15816635	15816642	4	-0.220	0.148	3.4E-03	AT3G44050	1.4	1.0E-01
1 mM SA	CHH	3	15818108	15818120	6	0.209	0.114	4.1E-03	AT3G44050	1.4	1.0E-01
1 mM SA	CHH	3	15826802	15826811	4	0.349	0.103	3.3E-05	AT3G44060	nd	nd
1 mM SA	CHH	3	15833739	15833749	4	0.395	0.104	9.3E-05	AT3G44080	nd	nd
1 mM SA	CHH	3	15864987	15864992	4	-0.319	0.037	2.6E-04	AT3G44100	-1.1	7.7E-03
1 mM SA	CHH	3	15864998	15865007	4	-0.256	0.058	1.5E-03	AT3G44100	-1.1	7.7E-03
1 mM SA	CHH	3	15868349	15868397	6	0.158	0.086	8.4E-04	AT3G44100	-1.1	7.7E-03
1 mM SA	CHH	3	15873402	15873417	6	-0.335	0.070	1.0E-04	AT3G44115	nd	nd
1 mM SA	CHH	3	15873476	15873488	4	-0.240	0.043	8.3E-05	AT3G44115	nd	nd
1 mM SA	CHH	3	15880582	15880594	6	-0.271	0.081	1.1E-03	AT3G44120	Inf	5.3E-01
1 mM SA	CHH	3	15900140	15900163	6	-0.166	0.088	4.1E-03	AT3G44180	nd	nd
1 mM SA	CHH	3	15912197	15912242	8	0.243	0.112	1.4E-03	AT3G44210	-Inf	1.0E+00
1 mM SA	CHH	3	15915909	15915925	6	-0.201	0.104	2.0E-03	AT3G44210	-Inf	1.0E+00
1 mM SA	CHH	3	15918688	15918712	6	-0.245	0.172	3.4E-03	AT3G44210	-Inf	1.0E+00
1 mM SA	CHH	3	15933534	15933590	8	-0.150	0.101	2.1E-03	AT3G44235	nd	nd
1 mM SA	CHH	3	15941805	15941819	4	0.233	0.071	8.5E-04	AT3G44240	nd	nd
1 mM SA	CHH	3	15944544	15944548	4	-0.305	0.060	1.5E-03	AT3G44240	nd	nd
1 mM SA	CHH	3	15967008	15967015	4	0.191	0.092	6.0E-03	AT3G44280	0.3	3.9E-01
1 mM SA	CHH	3	15982623	15982641	6	-0.415	0.058	3.2E-06	AT3G44300	-10.2	1.1E-45
1 mM SA	CHH	3	16011254	16011265	8	-0.405	0.101	3.7E-04	AT3G44330	-0.5	2.7E-01
1 mM SA	CHH	3	16066480	16066501	4	-0.230	0.120	7.7E-03	AT3G44428	nd	nd
1 mM SA	CHH	3	16113849	16113959	20	-0.164	0.098	7.7E-03	AT3G44530	-0.3	4.9E-01
1 mM SA	CHH	3	16142234	16142245	4	0.301	0.184	5.6E-03	AT3G44550	-5.0	7.2E-05
1 mM SA	CHH	3	16173916	16173926	4	0.246	0.102	3.4E-04	AT3G44600	-0.2	5.7E-01
1 mM SA	CHH	3	16187798	16187831	8	-0.246	0.148	9.1E-04	AT3G44610	0.6	1.5E-01
1 mM SA	CHH	3	16221743	16221755	4	-0.240	0.036	3.7E-04	AT3G44670	-1.6	1.4E-04
1 mM SA	CHH	3	16240827	16240867	10	-0.185	0.097	4.0E-03	AT3G44700	-0.7	8.6E-01
1 mM SA	CHH	3	16266763	16266778	4	0.320	0.070	7.0E-03	AT3G44718	nd	nd
1 mM SA	CHH	3	16307155	16307216	16	-0.205	0.101	1.7E-03	AT3G44760	nd	nd
1 mM SA	CHH	3	16333520	16333528	4	-0.231	0.038	3.8E-03	AT3G44790	-0.3	1.0E+00
1 mM SA	CHH	3	16353442	16353457	4	-0.249	0.047	2.6E-04	AT3G44805	-0.4	1.0E+00
1 mM SA	CHH	3	16354251	16354264	6	0.359	0.090	2.3E-04	AT3G44805	-0.4	1.0E+00
1 mM SA	CHH	3	16408932	16409011	4	0.207	0.126	3.3E-03	AT3G44935	nd	nd
1 mM SA	CHH	3	16416928	16416941	4	0.218	0.159	6.3E-03	AT3G44940	2.4	4.5E-06
1 mM SA	CHH	3	16445787	16445799	4	-0.257	0.068	6.5E-03	AT3G44990	7.6	6.8E-98
1 mM SA	CHH	3	16500957	16500982	6	-0.277	0.088	3.2E-03	AT3G45100	-0.9	5.4E-02
1 mM SA	CHH	3	16509209	16509223	6	0.185	0.060	2.1E-03	AT3G45110	nd	nd
1 mM SA	CHH	3	16510609	16510619	4	-0.261	0.059	2.4E-04	AT3G45110	nd	nd
1 mM SA	CHH	3	16510698	16510715	4	0.252	0.057	2.5E-03	AT3G45110	nd	nd
1 mM SA	CHH	3	16510992	16511002	4	-0.202	0.089	5.4E-03	AT3G45110	nd	nd
1 mM SA	CHH	3	16534661	16534686	4	0.384	0.069	1.7E-03	AT3G45160	1.0	2.5E-02
1 mM SA	CHH	3	16556387	16556404	4	0.314	0.134	6.7E-04	AT3G45210	-0.8	7.6E-02
1 mM SA	CHH	3	16556414	16556428	4	0.521	0.146	1.5E-04	AT3G45210	-0.8	7.6E-02
1 mM SA	CHH	3	16574418	16574427	4	-0.362	0.062	2.9E-05	AT3G45240	-0.7	1.1E-01
1 mM SA	CHH	3	16595965	16595978	6	-0.209	0.090	6.8E-03	AT3G45260	-0.3	6.1E-01
1 mM SA	CHH	3	16637830	16637893	4	-0.173	0.177	7.7E-03	AT3G45330	-7.5	3.3E-11
1 mM SA	CHH	3	16682138	16682175	6	-0.274	0.121	7.3E-03	AT3G45470	nd	nd
1 mM SA	CHH	3	16682703	16682713	4	-0.300	0.190	9.9E-04	AT3G45470	nd	nd
1 mM SA	CHH	3	16685563	16685572	4	-0.224	0.065	5.6E-04	AT3G45480	nd	nd

1 mM SA	CHH	3	16694155	16694167	4	-0.121	0.110	2.1E-03	AT3G45510	nd	nd
1 mM SA	CHH	3	16700404	16700419	8	0.150	0.109	4.3E-03	AT3G45525	nd	nd
1 mM SA	CHH	3	16723322	16723341	4	0.308	0.036	6.2E-04	AT3G45560	nd	nd
1 mM SA	CHH	3	16726801	16726826	8	-0.303	0.134	3.7E-03	AT3G45570	Inf	5.3E-01
1 mM SA	CHH	3	16732390	16732398	4	-0.281	0.083	3.4E-03	AT3G45590	-0.9	1.3E-01
1 mM SA	CHH	3	16787904	16787919	4	-0.290	0.059	7.2E-04	AT3G45730	-1.1	1.4E-02
1 mM SA	CHH	3	16813736	16813741	4	-0.206	0.082	7.0E-03	AT3G45780	0.7	9.2E-02
1 mM SA	CHH	3	16828200	16828227	4	0.240	0.103	1.9E-04	AT3G45790	nd	nd
1 mM SA	CHH	3	16840124	16840154	4	-0.200	0.079	4.7E-04	AT3G45820	nd	nd
1 mM SA	CHH	3	16840338	16840416	12	-0.169	0.096	4.1E-03	AT3G45820	nd	nd
1 mM SA	CHH	3	16877062	16877095	4	-0.241	0.098	7.5E-03	AT3G45910	nd	nd
1 mM SA	CHH	3	16934378	16934391	4	0.320	0.031	6.2E-06	AT3G46110	0.9	1.7E-02
1 mM SA	CHH	3	16939628	16939642	4	-0.221	0.107	3.2E-03	AT3G46120	nd	nd
1 mM SA	CHH	3	16989793	16989835	8	-0.198	0.079	1.0E-03	AT3G46240	nd	nd
1 mM SA	CHH	3	16992589	16992614	4	0.389	0.066	6.5E-05	AT3G46240	nd	nd
1 mM SA	CHH	3	16992962	16993007	4	0.130	0.113	9.9E-03	AT3G46240	nd	nd
1 mM SA	CHH	3	17033330	17033359	8	-0.214	0.174	9.9E-03	AT3G46350	nd	nd
1 mM SA	CHH	3	17035673	17035681	4	-0.329	0.051	2.9E-03	AT3G46350	nd	nd
1 mM SA	CHH	3	17087190	17087211	8	-0.138	0.091	5.3E-03	AT3G46430	0.5	1.9E-01
1 mM SA	CHH	3	17087400	17087412	4	-0.279	0.024	6.2E-06	AT3G46430	0.5	1.9E-01
1 mM SA	CHH	3	17098707	17098841	12	-0.136	0.112	2.5E-03	AT3G46460	0.2	5.3E-01
1 mM SA	CHH	3	17100984	17101013	4	0.202	0.130	2.2E-03	AT3G46470	nd	nd
1 mM SA	CHH	3	17101732	17101764	8	0.253	0.108	2.2E-04	AT3G46470	nd	nd
1 mM SA	CHH	3	17104074	17104081	4	0.377	0.094	9.8E-04	AT3G46480	-Inf	1.2E-01
1 mM SA	CHH	3	17106537	17106636	4	-0.249	0.138	1.9E-03	AT3G46480	-Inf	1.2E-01
1 mM SA	CHH	3	17108084	17108161	12	-0.141	0.098	3.9E-03	AT3G46480	-Inf	1.2E-01
1 mM SA	CHH	3	17143202	17143218	6	0.282	0.074	7.9E-03	AT3G46570	nd	nd
1 mM SA	CHH	3	17147543	17147551	4	-0.251	0.069	1.8E-04	AT3G46570	nd	nd
1 mM SA	CHH	3	17162880	17162928	12	-0.188	0.085	2.9E-04	AT3G46610	0.7	1.0E-01
1 mM SA	CHH	3	17178533	17178582	6	-0.404	0.131	1.0E-03	AT3G46620	0.0	6.6E-01
1 mM SA	CHH	3	17209676	17209701	4	-0.328	0.142	3.8E-03	AT3G46710	nd	nd
1 mM SA	CHH	3	17226112	17226130	4	-0.309	0.078	8.8E-03	AT3G46770	-2.9	1.1E-03
1 mM SA	CHH	3	17226757	17226778	6	0.190	0.124	1.0E-03	AT3G46780	1.6	2.2E-04
1 mM SA	CHH	3	17249566	17249581	6	-0.255	0.047	7.1E-05	AT3G46830	0.2	6.1E-01
1 mM SA	CHH	3	17299933	17299945	4	-0.334	0.064	1.1E-03	AT3G46960	0.1	8.5E-01
1 mM SA	CHH	3	17301205	17301271	6	0.217	0.144	9.9E-03	AT3G46960	0.1	8.5E-01
1 mM SA	CHH	3	17332389	17332455	16	-0.146	0.088	8.3E-04	AT3G47060	-0.6	1.9E-01
1 mM SA	CHH	3	17363141	17363155	4	-0.332	0.050	5.8E-04	AT3G47160	1.7	1.4E-10
1 mM SA	CHH	3	17363258	17363277	4	-0.331	0.133	3.5E-03	AT3G47160	1.7	1.4E-10
1 mM SA	CHH	3	17363865	17363961	4	-0.354	0.171	9.2E-03	AT3G47160	1.7	1.4E-10
1 mM SA	CHH	3	17368070	17368084	6	-0.314	0.117	5.8E-04	AT3G47170	nd	nd
1 mM SA	CHH	3	17368136	17368190	12	-0.166	0.083	1.7E-03	AT3G47170	nd	nd
1 mM SA	CHH	3	17404951	17405028	14	-0.163	0.156	2.5E-03	AT3G47250	-1.3	7.9E-03
1 mM SA	CHH	3	17495598	17495611	4	-0.233	0.059	3.3E-04	AT3G47470	1.8	8.2E-04
1 mM SA	CHH	3	17495633	17495643	4	-0.246	0.065	3.7E-04	AT3G47470	1.8	8.2E-04
1 mM SA	CHH	3	17520515	17520522	6	-0.231	0.068	3.6E-05	AT3G47540	-1.2	3.1E-03
1 mM SA	CHH	3	17565869	17565889	4	-0.244	0.074	3.2E-03	AT3G47630	-0.5	4.1E-01
1 mM SA	CHH	3	17580051	17580083	10	-0.236	0.106	3.1E-03	AT3G47675	-0.4	3.6E-01
1 mM SA	CHH	3	17580465	17580490	8	-0.301	0.076	7.4E-04	AT3G47690	0.3	6.7E-01

1 mM SA	CHH	3	17640537	17640543	4	-0.298	0.055	2.2E-03	AT3G47810	-1.3	1.9E-03
1 mM SA	CHH	3	17656321	17656343	6	-0.304	0.125	9.3E-04	AT3G47850	-0.7	9.7E-02
1 mM SA	CHH	3	17656419	17656439	6	-0.208	0.116	7.6E-03	AT3G47850	-0.7	9.7E-02
1 mM SA	CHH	3	17663091	17663095	4	-0.259	0.067	1.1E-03	AT3G47870	-Inf	6.6E-01
1 mM SA	CHH	3	17728834	17728842	4	-0.392	0.072	7.8E-05	AT3G48030	0.1	9.7E-01
1 mM SA	CHH	3	17775786	17775814	6	0.239	0.072	1.5E-03	AT3G48131	0.3	1.0E+00
1 mM SA	CHH	3	17777476	17777482	4	-0.251	0.097	4.9E-03	AT3G48140	-0.5	3.6E-01
1 mM SA	CHH	3	17899366	17899380	6	-0.202	0.094	5.1E-03	AT3G48340	-Inf	3.1E-01
1 mM SA	CHH	3	17980989	17981009	6	-0.167	0.109	6.8E-03	AT3G48520	1.9	6.0E-06
1 mM SA	CHH	3	17984483	17984510	4	-0.295	0.036	9.9E-04	AT3G48530	-0.6	3.2E-01
1 mM SA	CHH	3	18070071	18070076	4	-0.257	0.099	3.9E-03	AT3G48750	-0.5	2.5E-01
1 mM SA	CHH	3	18070106	18070114	4	0.402	0.197	1.9E-03	AT3G48750	-0.5	2.5E-01
1 mM SA	CHH	3	18070124	18070130	4	0.582	0.088	2.2E-04	AT3G48750	-0.5	2.5E-01
1 mM SA	CHH	3	18070136	18070150	10	0.576	0.162	8.8E-04	AT3G48750	-0.5	2.5E-01
1 mM SA	CHH	3	18070152	18070183	16	0.683	0.101	1.7E-06	AT3G48750	-0.5	2.5E-01
1 mM SA	CHH	3	18070186	18070199	4	0.357	0.236	9.8E-03	AT3G48750	-0.5	2.5E-01
1 mM SA	CHH	3	18088656	18088688	8	-0.177	0.091	4.4E-03	AT3G48780	-1.3	2.9E-03
1 mM SA	CHH	3	18180476	18180482	4	-0.233	0.157	2.9E-03	AT3G49050	0.1	9.3E-01
1 mM SA	CHH	3	18310807	18310813	4	0.313	0.034	3.8E-04	AT3G49380	0.5	7.5E-01
1 mM SA	CHH	3	18357607	18357634	8	-0.204	0.103	1.6E-04	AT3G49520	-Inf	6.6E-01
1 mM SA	CHH	3	18458243	18458254	4	0.437	0.115	7.8E-05	AT3G49760	-Inf	1.0E+00
1 mM SA	CHH	3	18495369	18495399	4	-0.233	0.067	9.5E-03	AT3G49880	0.3	4.5E-01
1 mM SA	CHH	3	18503707	18503724	8	-0.184	0.104	1.1E-03	AT3G49910	0.1	8.7E-01
1 mM SA	CHH	3	18511836	18511856	4	0.343	0.145	5.3E-03	AT3G49930	2.2	1.6E-02
1 mM SA	CHH	3	18530854	18530865	6	-0.214	0.088	8.1E-03	AT3G49980	nd	nd
1 mM SA	CHH	3	18561144	18561174	4	-0.263	0.064	8.1E-03	AT3G50060	0.3	3.4E-01
1 mM SA	CHH	3	18564199	18564233	8	-0.216	0.165	2.4E-03	AT3G50070	2.6	2.8E-08
1 mM SA	CHH	3	18611789	18611810	8	-0.261	0.077	3.6E-03	AT3G50190	1.7	2.3E-02
1 mM SA	CHH	3	18631923	18631945	4	0.404	0.175	6.9E-03	AT3G50250	nd	nd
1 mM SA	CHH	3	18652143	18652159	6	-0.220	0.135	8.8E-03	AT3G50320	nd	nd
1 mM SA	CHH	3	18652185	18652249	6	-0.187	0.082	3.7E-04	AT3G50320	nd	nd
1 mM SA	CHH	3	18720467	18720476	4	-0.245	0.087	1.6E-03	AT3G50450	-0.3	9.0E-01
1 mM SA	CHH	3	18758188	18758202	4	-0.217	0.150	6.7E-03	AT3G50540	-Inf	1.0E+00
1 mM SA	CHH	3	18791181	18791190	6	-0.270	0.087	3.4E-03	AT3G50620	1.3	1.8E-03
1 mM SA	CHH	3	18795499	18795532	6	-0.174	0.067	2.9E-03	AT3G50630	0.1	6.5E-01
1 mM SA	CHH	3	18864954	18864981	4	-0.224	0.148	5.8E-03	AT3G50751	nd	nd
1 mM SA	CHH	3	18925243	18925253	4	0.255	0.080	3.1E-03	AT3G50925	nd	nd
1 mM SA	CHH	3	18928610	18928629	4	-0.262	0.110	1.1E-03	AT3G50930	-1.0	5.4E-02
1 mM SA	CHH	3	18932811	18932823	4	-0.360	0.090	1.3E-03	AT3G50940	-1.2	2.7E-01
1 mM SA	CHH	3	18976771	18976785	4	-0.267	0.175	7.3E-03	AT3G51090	-0.6	3.1E-01
1 mM SA	CHH	3	19178954	19178960	4	-0.233	0.076	8.1E-03	AT3G51690	nd	nd
1 mM SA	CHH	3	19291226	19291235	4	0.281	0.220	4.6E-03	AT3G52000	nd	nd
1 mM SA	CHH	3	19428133	19428140	6	0.268	0.046	4.1E-03	AT3G52400	-0.8	2.1E-01
1 mM SA	CHH	3	19437024	19437029	4	0.491	0.013	7.4E-07	AT3G52440	nd	nd
1 mM SA	CHH	3	19464724	19464744	4	0.248	0.164	1.9E-03	AT3G52500	1.2	2.9E-04
1 mM SA	CHH	3	19464841	19464854	4	0.438	0.107	1.6E-04	AT3G52500	1.2	2.9E-04
1 mM SA	CHH	3	19622312	19622316	4	-0.254	0.167	3.1E-03	AT3G52920	0.1	9.8E-01
1 mM SA	CHH	3	19622318	19622345	12	-0.210	0.082	5.6E-03	AT3G52920	0.1	9.8E-01
1 mM SA	CHH	3	19740209	19740229	4	-0.324	0.182	3.1E-03	AT3G53250	nd	nd

1 mM SA	CHH	3	19753899	19753912	6	-0.272	0.039	8.1E-05	AT3G53270	-0.5	2.4E-01
1 mM SA	CHH	3	20024182	20024194	4	0.187	0.125	8.5E-03	AT3G54070	3.2	4.8E-04
1 mM SA	CHH	3	20144075	20144084	6	-0.112	0.114	6.8E-03	AT3G54410	-0.7	1.0E+00
1 mM SA	CHH	3	20188913	20188931	4	-0.227	0.077	7.8E-03	AT3G54540	-0.8	4.3E-02
1 mM SA	CHH	3	20233663	20233668	4	-0.216	0.084	7.9E-03	AT3G54660	0.4	3.8E-01
1 mM SA	CHH	3	20234377	20234380	4	-0.197	0.112	6.3E-03	AT3G54660	0.4	3.8E-01
1 mM SA	CHH	3	20349665	20349676	4	-0.199	0.068	3.0E-03	AT3G54925	nd	nd
1 mM SA	CHH	3	20353594	20353619	4	0.343	0.120	3.6E-04	AT3G54930	1.8	7.0E-05
1 mM SA	CHH	3	20480803	20480830	10	-0.193	0.069	3.4E-03	AT3G55252	nd	nd
1 mM SA	CHH	3	20488221	20488227	4	-0.356	0.044	1.6E-03	AT3G55260	-0.4	5.4E-01
1 mM SA	CHH	3	20652295	20652303	4	0.312	0.060	9.2E-03	AT3G55660	1.8	1.1E-01
1 mM SA	CHH	3	20652602	20652624	8	-0.188	0.136	6.5E-03	AT3G55665	nd	nd
1 mM SA	CHH	3	20657968	20657988	6	-0.364	0.117	4.2E-03	AT3G55670	nd	nd
1 mM SA	CHH	3	20727139	20727239	6	-0.249	0.193	6.3E-03	AT3G55850	-1.1	1.0E-02
1 mM SA	CHH	3	20728162	20728186	4	-0.301	0.060	5.1E-04	AT3G55860	nd	nd
1 mM SA	CHH	3	20746476	20746487	6	-0.257	0.077	5.8E-03	AT3G55930	-Inf	6.6E-01
1 mM SA	CHH	3	20763827	20763845	4	-0.189	0.104	1.0E-02	AT3G55960	-0.8	7.0E-02
1 mM SA	CHH	3	20957807	20957812	4	-0.296	0.063	4.7E-03	AT3G56570	1.0	2.0E-01
1 mM SA	CHH	3	21413509	21413525	6	-0.301	0.153	1.9E-03	AT3G57800	-0.3	6.7E-01
1 mM SA	CHH	3	21509563	21509572	4	-0.261	0.155	4.8E-03	AT3G58080	nd	nd
1 mM SA	CHH	3	21616815	21616847	4	-0.307	0.172	1.8E-03	AT3G58430	0.3	5.7E-01
1 mM SA	CHH	3	21694213	21694220	4	-0.252	0.097	3.4E-03	AT3G58640	-0.5	2.6E-01
1 mM SA	CHH	3	22058166	22058176	6	-0.288	0.052	6.6E-04	AT3G59710	6.3	8.2E-25
1 mM SA	CHH	3	22064298	22064305	4	-0.317	0.038	5.4E-03	AT3G59730	nd	nd
1 mM SA	CHH	3	22076432	22076440	4	-0.339	0.053	3.2E-06	AT3G59760	0.0	9.6E-01
1 mM SA	CHH	3	22119879	22119938	8	-0.218	0.113	2.4E-03	AT3G59880	-0.6	3.8E-01
1 mM SA	CHH	3	22215911	22215918	4	-0.324	0.171	4.1E-03	AT3G60140	-Inf	3.6E-46
1 mM SA	CHH	3	22239539	22239550	4	-0.412	0.075	6.2E-03	AT3G60180	-0.9	1.1E-01
1 mM SA	CHH	3	22370591	22370629	14	-0.159	0.093	4.0E-03	AT3G60530	0.4	2.7E-01
1 mM SA	CHH	3	22383825	22383831	4	0.269	0.148	4.7E-03	AT3G60560	nd	nd
1 mM SA	CHH	3	22477332	22477347	4	0.311	0.099	3.4E-04	AT3G60840	1.6	4.2E-02
1 mM SA	CHH	3	22539105	22539129	4	0.406	0.199	2.4E-03	AT3G60961	-2.4	1.2E-01
1 mM SA	CHH	3	22660299	22660305	4	0.315	0.159	5.0E-03	AT3G61210	-0.4	6.9E-01
1 mM SA	CHH	3	22790494	22790511	6	-0.259	0.091	4.7E-03	AT3G61590	0.1	9.2E-01
1 mM SA	CHH	3	23113015	23113023	4	-0.370	0.115	2.6E-03	AT3G62470	1.5	1.1E-01
1 mM SA	CHH	3	23113159	23113193	4	-0.302	0.056	2.4E-03	AT3G62470	1.5	1.1E-01
1 mM SA	CHH	3	23113204	23113226	6	-0.207	0.053	6.7E-04	AT3G62470	1.5	1.1E-01
1 mM SA	CHH	3	23115465	23115486	4	-0.188	0.150	1.1E-03	AT3G62499	1.1	2.7E-01
1 mM SA	CHH	3	23117386	23117413	10	-0.328	0.104	1.3E-04	AT3G62499	1.1	2.7E-01
1 mM SA	CHH	3	23205112	23205133	4	-0.305	0.157	9.4E-03	AT3G62720	0.3	3.0E-01
1 mM SA	CHH	4	17164	17168	4	-0.262	0.078	1.1E-03	AT4G00050	-1.8	4.2E-06
1 mM SA	CHH	4	17226	17254	6	-0.180	0.090	3.2E-03	AT4G00050	-1.8	4.2E-06
1 mM SA	CHH	4	17519	17548	4	0.278	0.168	7.7E-03	AT4G00050	-1.8	4.2E-06
1 mM SA	CHH	4	41699	41771	22	-0.190	0.106	6.5E-04	AT4G00120	nd	nd
1 mM SA	CHH	4	67430	67443	4	-0.363	0.092	5.3E-03	AT4G00165	1.5	1.2E-03
1 mM SA	CHH	4	68821	68840	6	-0.139	0.103	7.3E-03	AT4G00165	1.5	1.2E-03
1 mM SA	CHH	4	77281	77289	6	-0.213	0.112	9.4E-04	AT4G00180	1.0	5.0E-03
1 mM SA	CHH	4	154415	154491	12	-0.144	0.119	3.9E-03	AT4G00355	-1.2	1.3E-02
1 mM SA	CHH	4	166830	166849	4	-0.298	0.082	1.7E-03	AT4G00370	1.4	2.8E-05

1 mM SA	CHH	4	236801	236879	8	-0.159	0.130	2.8E-05	AT4G00540	-Inf	6.6E-01
1 mM SA	CHH	4	312567	312573	4	-0.289	0.071	7.0E-04	AT4G00750	-0.9	2.9E-02
1 mM SA	CHH	4	312666	312687	4	-0.275	0.062	6.1E-04	AT4G00750	-0.9	2.9E-02
1 mM SA	CHH	4	313408	313458	8	-0.223	0.083	1.8E-03	AT4G00750	-0.9	2.9E-02
1 mM SA	CHH	4	371506	371529	4	-0.314	0.071	5.4E-04	AT4G00890	3.3	7.7E-04
1 mM SA	CHH	4	425404	425441	14	-0.138	0.065	1.2E-03	AT4G00980	-0.2	6.8E-01
1 mM SA	CHH	4	464614	464661	4	-0.147	0.114	9.2E-03	AT4G01070	-1.7	2.3E-05
1 mM SA	CHH	4	555487	555517	6	0.264	0.093	1.8E-03	AT4G01340	Inf	5.3E-01
1 mM SA	CHH	4	581893	581948	22	-0.244	0.104	3.5E-03	AT4G01420	-2.3	3.7E-02
1 mM SA	CHH	4	595492	595522	8	-0.264	0.128	2.9E-03	AT4G01440	1.3	9.9E-03
1 mM SA	CHH	4	618147	618174	6	0.236	0.115	1.3E-03	AT4G01460	2.5	7.7E-17
1 mM SA	CHH	4	630909	630914	4	-0.301	0.073	5.3E-03	AT4G01480	-0.8	5.4E-02
1 mM SA	CHH	4	636803	636880	20	-0.169	0.067	4.9E-03	AT4G01500	0.2	7.8E-01
1 mM SA	CHH	4	653578	653597	6	0.204	0.138	8.4E-03	AT4G01516	nd	nd
1 mM SA	CHH	4	697463	697473	4	-0.230	0.075	7.3E-03	AT4G01610	-2.1	7.7E-06
1 mM SA	CHH	4	697604	697609	4	-0.174	0.098	5.8E-03	AT4G01610	-2.1	7.7E-06
1 mM SA	CHH	4	743127	743170	10	-0.259	0.072	2.0E-03	AT4G01720	-1.8	1.2E-04
1 mM SA	CHH	4	743465	743475	4	0.470	0.127	3.1E-03	AT4G01720	-1.8	1.2E-04
1 mM SA	CHH	4	764253	764299	12	-0.236	0.108	5.5E-04	AT4G01770	-Inf	1.0E+00
1 mM SA	CHH	4	823746	823759	4	0.321	0.082	5.2E-04	AT4G01900	1.9	6.6E-10
1 mM SA	CHH	4	848847	848862	4	-0.243	0.064	2.0E-04	AT4G01950	1.1	6.7E-03
1 mM SA	CHH	4	861968	861983	4	0.165	0.129	9.6E-03	AT4G01970	2.6	3.0E-01
1 mM SA	CHH	4	865643	865689	4	-0.156	0.141	5.2E-03	AT4G01985	1.3	3.4E-01
1 mM SA	CHH	4	929628	929660	8	-0.158	0.119	9.6E-03	AT4G02100	2.0	4.5E-05
1 mM SA	CHH	4	945117	945132	4	-0.224	0.073	2.1E-03	AT4G02130	0.1	8.4E-01
1 mM SA	CHH	4	959074	959089	4	0.223	0.178	8.1E-03	AT4G02180	Inf	1.4E-01
1 mM SA	CHH	4	964931	964996	16	-0.217	0.141	2.6E-03	AT4G02190	nd	nd
1 mM SA	CHH	4	1001242	1001258	4	-0.310	0.121	1.5E-04	AT4G02290	5.4	2.2E-05
1 mM SA	CHH	4	1023900	1023906	4	-0.378	0.012	7.8E-05	AT4G02320	Inf	1.3E-01
1 mM SA	CHH	4	1023917	1023945	6	-0.271	0.149	7.6E-03	AT4G02320	Inf	1.3E-01
1 mM SA	CHH	4	1090788	1090803	4	-0.241	0.066	1.9E-03	AT4G02482	0.6	4.4E-01
1 mM SA	CHH	4	1090935	1090943	4	-0.279	0.219	6.6E-03	AT4G02482	0.6	4.4E-01
1 mM SA	CHH	4	1090960	1090967	4	-0.342	0.042	7.4E-05	AT4G02482	0.6	4.4E-01
1 mM SA	CHH	4	1090971	1090985	6	-0.319	0.105	1.9E-03	AT4G02482	0.6	4.4E-01
1 mM SA	CHH	4	1091177	1091184	4	0.340	0.044	2.3E-03	AT4G02482	0.6	4.4E-01
1 mM SA	CHH	4	1091748	1091754	4	0.399	0.045	5.5E-04	AT4G02482	0.6	4.4E-01
1 mM SA	CHH	4	1091760	1091794	14	0.214	0.119	1.3E-03	AT4G02482	0.6	4.4E-01
1 mM SA	CHH	4	1100874	1100889	4	-0.210	0.108	3.2E-03	AT4G02500	2.1	1.3E-12
1 mM SA	CHH	4	1142855	1142906	8	-0.257	0.186	1.7E-03	AT4G02600	-0.8	5.6E-02
1 mM SA	CHH	4	1190072	1190105	8	-0.145	0.090	9.1E-03	AT4G02700	-1.1	4.1E-01
1 mM SA	CHH	4	1212061	1212069	6	-0.269	0.029	4.3E-04	AT4G02733	nd	nd
1 mM SA	CHH	4	1212082	1212092	4	0.236	0.051	8.1E-03	AT4G02733	nd	nd
1 mM SA	CHH	4	1231826	1231847	4	-0.157	0.092	9.3E-03	AT4G02770	1.9	1.6E-06
1 mM SA	CHH	4	1233925	1233933	4	-0.213	0.122	7.9E-03	AT4G02770	1.9	1.6E-06
1 mM SA	CHH	4	1234503	1234542	10	-0.180	0.073	1.0E-03	AT4G02770	1.9	1.6E-06
1 mM SA	CHH	4	1270842	1270848	4	-0.290	0.043	1.2E-03	AT4G02860	-0.5	3.3E-01
1 mM SA	CHH	4	1281075	1281086	4	0.307	0.186	5.8E-03	AT4G02890	-0.1	9.7E-01
1 mM SA	CHH	4	1287852	1287861	4	0.230	0.140	4.2E-03	AT4G02910	nd	nd
1 mM SA	CHH	4	1289801	1289816	8	-0.154	0.127	7.0E-03	AT4G02910	nd	nd

1 mM SA	CHH	4	1291922	1291978	12	-0.206	0.090	4.1E-03	AT4G02920	0.5	2.7E-01
1 mM SA	CHH	4	1337789	1337805	6	-0.212	0.082	5.6E-03	AT4G03030	-1.4	1.9E-03
1 mM SA	CHH	4	1337934	1337952	8	-0.189	0.111	1.6E-03	AT4G03030	-1.4	1.9E-03
1 mM SA	CHH	4	1338159	1338196	6	-0.240	0.129	9.8E-03	AT4G03030	-1.4	1.9E-03
1 mM SA	CHH	4	1356152	1356222	16	-0.133	0.077	5.9E-04	AT4G03070	1.8	2.4E-04
1 mM SA	CHH	4	1356442	1356452	4	0.200	0.075	4.9E-03	AT4G03070	1.8	2.4E-04
1 mM SA	CHH	4	1358146	1358155	4	0.218	0.148	4.1E-03	AT4G03070	1.8	2.4E-04
1 mM SA	CHH	4	1407624	1407643	4	0.280	0.171	3.3E-04	AT4G03190	1.1	3.8E-03
1 mM SA	CHH	4	1439406	1439412	4	-0.304	0.066	6.7E-04	AT4G03280	1.2	6.9E-03
1 mM SA	CHH	4	1450878	1450921	8	-0.219	0.123	8.2E-03	AT4G03298	nd	nd
1 mM SA	CHH	4	1487464	1487556	24	-0.195	0.106	4.4E-04	AT4G03380	nd	nd
1 mM SA	CHH	4	1507992	1508021	6	-0.269	0.105	2.2E-03	AT4G03415	0.7	7.5E-02
1 mM SA	CHH	4	1509047	1509114	16	-0.240	0.118	9.3E-04	AT4G03415	0.7	7.5E-02
1 mM SA	CHH	4	1586320	1586336	6	-0.229	0.093	1.1E-04	AT4G03565	0.3	1.0E+00
1 mM SA	CHH	4	1594679	1594688	4	0.236	0.096	4.1E-03	AT4G03570	nd	nd
1 mM SA	CHH	4	1595598	1595610	6	0.375	0.085	4.9E-03	AT4G03580	-Inf	1.7E-02
1 mM SA	CHH	4	1595612	1595677	34	0.410	0.103	2.8E-03	AT4G03580	-Inf	1.7E-02
1 mM SA	CHH	4	1596392	1596485	34	0.574	0.047	1.0E-04	AT4G03580	-Inf	1.7E-02
1 mM SA	CHH	4	1597693	1597748	8	0.154	0.156	5.6E-03	AT4G03580	-Inf	1.7E-02
1 mM SA	CHH	4	1661520	1661546	4	-0.160	0.119	7.1E-03	AT4G03740	nd	nd
1 mM SA	CHH	4	1790227	1790249	4	-0.223	0.054	3.9E-03	AT4G03830	nd	nd
1 mM SA	CHH	4	1970884	1970901	4	-0.206	0.130	7.7E-03	AT4G04110	-Inf	4.4E-01
1 mM SA	CHH	4	2032511	2032531	4	0.337	0.045	6.5E-05	AT4G04220	-1.2	1.9E-02
1 mM SA	CHH	4	2036356	2036404	18	-0.279	0.066	4.0E-03	AT4G04220	-1.2	1.9E-02
1 mM SA	CHH	4	2052920	2052934	4	0.376	0.067	5.1E-03	AT4G04260	-0.8	1.0E+00
1 mM SA	CHH	4	2235604	2235677	12	-0.154	0.101	4.1E-03	AT4G04490	-3.5	4.7E-19
1 mM SA	CHH	4	2241323	2241343	6	0.224	0.109	4.1E-05	AT4G04510	-4.4	7.1E-14
1 mM SA	CHH	4	2285964	2285975	4	-0.266	0.179	2.0E-03	AT4G04570	-0.5	2.7E-01
1 mM SA	CHH	4	2287055	2287077	6	-0.176	0.125	4.7E-03	AT4G04570	-0.5	2.7E-01
1 mM SA	CHH	4	2288771	2288833	16	-0.136	0.065	3.5E-03	AT4G04570	-0.5	2.7E-01
1 mM SA	CHH	4	2297000	2297132	6	-0.184	0.064	5.9E-03	AT4G04580	nd	nd
1 mM SA	CHH	4	2305841	2305906	8	-0.140	0.145	1.3E-04	AT4G04601	Inf	2.7E-01
1 mM SA	CHH	4	2330650	2330683	6	0.203	0.093	8.2E-04	AT4G04620	-2.5	7.1E-09
1 mM SA	CHH	4	2335466	2335490	6	0.272	0.180	4.4E-03	AT4G04630	1.0	1.4E-02
1 mM SA	CHH	4	2341083	2341098	4	-0.256	0.035	5.0E-03	AT4G04632	nd	nd
1 mM SA	CHH	4	2354308	2354355	10	-0.167	0.069	7.3E-03	AT4G04650	nd	nd
1 mM SA	CHH	4	2367268	2367280	4	-0.217	0.151	6.0E-03	AT4G04670	0.2	9.1E-01
1 mM SA	CHH	4	2420377	2420381	4	-0.214	0.104	8.8E-03	AT4G04750	2.0	4.7E-07
1 mM SA	CHH	4	2444009	2444059	6	-0.234	0.110	3.8E-03	AT4G04830	1.8	3.0E-06
1 mM SA	CHH	4	2468013	2468079	12	-0.210	0.103	5.3E-03	AT4G04880	-0.3	5.5E-01
1 mM SA	CHH	4	2508807	2508838	10	-0.185	0.105	9.2E-03	AT4G04930	1.8	7.0E-01
1 mM SA	CHH	4	2550956	2550965	4	0.299	0.139	9.5E-04	AT4G04985	nd	nd
1 mM SA	CHH	4	2554714	2554724	4	0.373	0.060	1.1E-03	AT4G04990	-Inf	3.1E-01
1 mM SA	CHH	4	2570739	2570766	6	0.238	0.126	2.2E-03	AT4G05018	nd	nd
1 mM SA	CHH	4	2595209	2595221	4	0.259	0.116	1.1E-03	AT4G05071	-Inf	6.6E-01
1 mM SA	CHH	4	2597189	2597208	4	-0.195	0.066	9.1E-03	AT4G05071	-Inf	6.6E-01
1 mM SA	CHH	4	2600990	2601024	4	-0.227	0.078	2.2E-03	AT4G05080	nd	nd
1 mM SA	CHH	4	2601945	2601951	4	0.394	0.043	2.8E-03	AT4G05080	nd	nd
1 mM SA	CHH	4	2604862	2604929	14	-0.136	0.087	1.2E-03	AT4G05080	nd	nd

1 mM SA	CHH	4	2607789	2607803	4	-0.275	0.206	4.2E-03	AT4G05090	1.1	1.3E-03
1 mM SA	CHH	4	2617955	2617993	12	-0.206	0.076	6.3E-04	AT4G05100	-0.4	8.6E-01
1 mM SA	CHH	4	2664076	2664094	4	-0.264	0.065	2.5E-03	AT4G05160	-0.6	1.5E-01
1 mM SA	CHH	4	2673714	2673747	8	-0.167	0.125	7.8E-03	AT4G05180	1.3	3.2E-03
1 mM SA	CHH	4	2674172	2674229	12	-0.243	0.070	7.8E-03	AT4G05190	1.6	3.0E-02
1 mM SA	CHH	4	2709981	2710001	4	-0.281	0.205	7.7E-03	AT4G05310	nd	nd
1 mM SA	CHH	4	2773557	2773584	6	-0.334	0.042	4.0E-05	AT4G05490	-Inf	1.0E+00
1 mM SA	CHH	4	2812996	2813083	4	-0.152	0.114	4.7E-03	AT4G05530	-1.3	3.1E-03
1 mM SA	CHH	4	2829082	2829156	4	-0.261	0.178	8.0E-03	AT4G05553	nd	nd
1 mM SA	CHH	4	2981955	2982018	8	-0.163	0.097	3.3E-03	AT4G05620	nd	nd
1 mM SA	CHH	4	3352637	3352656	6	-0.197	0.091	7.7E-03	AT4G06534	2.6	2.9E-09
1 mM SA	CHH	4	3354556	3354668	16	-0.133	0.107	1.9E-03	AT4G06534	2.6	2.9E-09
1 mM SA	CHH	4	3361472	3361485	4	-0.219	0.111	4.6E-03	AT4G06536	2.3	4.2E-06
1 mM SA	CHH	4	3365433	3365478	4	-0.226	0.095	4.3E-03	AT4G06536	2.3	4.2E-06
1 mM SA	CHH	4	3572540	3572572	6	-0.275	0.165	6.6E-03	AT4G06583	nd	nd
1 mM SA	CHH	4	3574111	3574234	22	-0.158	0.101	3.3E-03	AT4G06583	nd	nd
1 mM SA	CHH	4	3662992	3663036	6	0.321	0.062	1.5E-03	AT4G06598	-0.1	9.0E-01
1 mM SA	CHH	4	3903663	3903720	8	-0.189	0.093	7.7E-03	AT4G06676	-1.2	1.9E-02
1 mM SA	CHH	4	4045737	4045853	10	-0.167	0.117	7.9E-03	AT4G06740	nd	nd
1 mM SA	CHH	4	4068524	4068604	12	-0.325	0.091	7.8E-03	AT4G06744	-2.3	2.8E-03
1 mM SA	CHH	4	4069090	4069108	8	-0.191	0.082	3.3E-03	AT4G06744	-2.3	2.8E-03
1 mM SA	CHH	4	4176698	4176814	10	-0.174	0.105	1.2E-03	AT4G07350	nd	nd
1 mM SA	CHH	4	4178196	4178244	8	-0.222	0.118	8.1E-03	AT4G07350	nd	nd
1 mM SA	CHH	4	4318619	4318631	4	-0.194	0.205	5.9E-03	AT4G07515	nd	nd
1 mM SA	CHH	4	4344849	4344861	4	-0.232	0.247	6.6E-03	AT4G07524	nd	nd
1 mM SA	CHH	4	4363452	4363502	6	-0.257	0.159	3.7E-03	AT4G07526	nd	nd
1 mM SA	CHH	4	4456600	4456619	4	-0.271	0.079	4.8E-03	AT4G07666	nd	nd
1 mM SA	CHH	4	4467130	4467144	4	0.353	0.050	2.8E-03	AT4G07675	nd	nd
1 mM SA	CHH	4	4643542	4643615	10	0.330	0.080	6.9E-04	AT4G07825	0.4	2.8E-01
1 mM SA	CHH	4	4645513	4645524	4	-0.245	0.077	3.6E-03	AT4G07825	0.4	2.8E-01
1 mM SA	CHH	4	4645598	4645626	4	-0.260	0.118	4.1E-03	AT4G07825	0.4	2.8E-01
1 mM SA	CHH	4	4648668	4648697	6	-0.170	0.093	4.4E-03	AT4G07825	0.4	2.8E-01
1 mM SA	CHH	4	4728664	4728682	6	-0.234	0.111	6.7E-03	AT4G07932	nd	nd
1 mM SA	CHH	4	4730214	4730265	6	-0.332	0.116	5.0E-03	AT4G07932	nd	nd
1 mM SA	CHH	4	4796137	4796171	10	0.200	0.103	1.5E-03	AT4G07950	-1.3	1.7E-02
1 mM SA	CHH	4	4813082	4813131	4	0.340	0.161	8.7E-04	AT4G07965	nd	nd
1 mM SA	CHH	4	4891397	4891424	4	0.310	0.191	1.8E-03	AT4G08040	2.6	4.8E-10
1 mM SA	CHH	4	4949037	4949045	4	-0.235	0.107	5.3E-03	AT4G08073	nd	nd
1 mM SA	CHH	4	4953311	4953327	4	-0.250	0.185	5.4E-03	AT4G08073	nd	nd
1 mM SA	CHH	4	5008813	5008828	4	0.234	0.093	5.8E-03	AT4G08097	nd	nd
1 mM SA	CHH	4	5131033	5131049	4	-0.194	0.147	9.9E-03	AT4G08140	nd	nd
1 mM SA	CHH	4	5146333	5146358	4	0.203	0.157	4.7E-03	AT4G08150	-Inf	1.0E+00
1 mM SA	CHH	4	5146946	5146994	6	-0.192	0.129	3.7E-03	AT4G08150	-Inf	1.0E+00
1 mM SA	CHH	4	5177476	5177546	12	-0.170	0.109	1.4E-03	AT4G08190	nd	nd
1 mM SA	CHH	4	5190294	5190301	4	0.380	0.041	1.6E-04	AT4G08230	-0.6	2.2E-01
1 mM SA	CHH	4	5199773	5199819	8	-0.251	0.059	2.1E-04	AT4G08260	nd	nd
1 mM SA	CHH	4	5229358	5229372	4	0.300	0.056	9.6E-03	AT4G08280	0.0	8.8E-01
1 mM SA	CHH	4	5235169	5235197	8	-0.203	0.097	3.4E-03	AT4G08290	-2.2	7.6E-07
1 mM SA	CHH	4	5238044	5238137	20	-0.211	0.137	6.6E-04	AT4G08290	-2.2	7.6E-07

1 mM SA	CHH	4	5259643	5259691	10	-0.157	0.076	9.4E-03	AT4G08330	-0.2	9.4E-01
1 mM SA	CHH	4	5285544	5285561	4	-0.228	0.079	5.5E-03	AT4G08350	-0.1	8.0E-01
1 mM SA	CHH	4	5293720	5293785	4	0.230	0.106	9.7E-03	AT4G08351	nd	nd
1 mM SA	CHH	4	5331432	5331443	4	-0.327	0.059	3.5E-05	AT4G08406	nd	nd
1 mM SA	CHH	4	5333477	5333500	8	0.228	0.133	9.6E-03	AT4G08406	nd	nd
1 mM SA	CHH	4	5346972	5346985	4	0.240	0.153	7.9E-03	AT4G08430	nd	nd
1 mM SA	CHH	4	5347980	5347995	4	-0.276	0.146	6.3E-04	AT4G08430	nd	nd
1 mM SA	CHH	4	5348961	5348985	4	0.288	0.205	2.1E-03	AT4G08430	nd	nd
1 mM SA	CHH	4	5351282	5351313	4	-0.296	0.100	6.1E-03	AT4G08430	nd	nd
1 mM SA	CHH	4	5355416	5355433	4	0.422	0.190	3.3E-03	AT4G08430	nd	nd
1 mM SA	CHH	4	5360881	5360939	30	0.537	0.052	7.0E-03	AT4G08450	-Inf	7.1E-04
1 mM SA	CHH	4	5361019	5361035	8	0.192	0.074	5.7E-03	AT4G08450	-Inf	7.1E-04
1 mM SA	CHH	4	5382409	5382453	4	0.157	0.139	4.4E-03	AT4G08460	-1.1	8.0E-03
1 mM SA	CHH	4	5422581	5422592	4	-0.362	0.090	5.6E-04	AT4G08530	nd	nd
1 mM SA	CHH	4	5423494	5423500	4	0.238	0.168	8.9E-03	AT4G08530	nd	nd
1 mM SA	CHH	4	5428699	5428750	6	0.277	0.114	1.5E-03	AT4G08540	-0.4	5.6E-01
1 mM SA	CHH	4	5450638	5450651	4	-0.267	0.016	6.1E-04	AT4G08560	nd	nd
1 mM SA	CHH	4	5459253	5459258	4	-0.267	0.054	1.7E-04	AT4G08580	0.0	9.3E-01
1 mM SA	CHH	4	5545481	5545513	12	-0.234	0.210	5.5E-04	AT4G08685	2.8	6.5E-22
1 mM SA	CHH	4	5553499	5553519	6	0.268	0.082	5.5E-04	AT4G08690	-0.3	5.2E-01
1 mM SA	CHH	4	5567535	5567566	6	0.239	0.060	5.3E-03	AT4G08700	0.4	3.2E-01
1 mM SA	CHH	4	5567990	5568002	6	0.298	0.091	9.3E-04	AT4G08700	0.4	3.2E-01
1 mM SA	CHH	4	5568005	5568062	22	0.286	0.142	1.7E-03	AT4G08700	0.4	3.2E-01
1 mM SA	CHH	4	5571763	5571786	4	0.256	0.127	9.6E-03	AT4G08700	0.4	3.2E-01
1 mM SA	CHH	4	5612690	5612705	4	-0.201	0.147	3.7E-04	AT4G08800	nd	nd
1 mM SA	CHH	4	5618040	5618054	6	-0.260	0.090	1.1E-03	AT4G08810	0.6	1.4E-01
1 mM SA	CHH	4	5642794	5642867	14	-0.173	0.096	8.1E-03	AT4G08850	-0.9	8.6E-02
1 mM SA	CHH	4	5643321	5643408	4	-0.212	0.159	2.6E-03	AT4G08850	-0.9	8.6E-02
1 mM SA	CHH	4	5644871	5644885	4	-0.176	0.097	7.3E-03	AT4G08870	1.9	3.8E-09
1 mM SA	CHH	4	5644932	5644944	4	-0.232	0.063	8.3E-04	AT4G08870	1.9	3.8E-09
1 mM SA	CHH	4	5645271	5645297	8	0.137	0.077	6.4E-03	AT4G08870	1.9	3.8E-09
1 mM SA	CHH	4	5650408	5650418	6	-0.257	0.108	1.4E-04	AT4G08870	1.9	3.8E-09
1 mM SA	CHH	4	5662830	5662844	4	-0.190	0.105	2.6E-03	AT4G08867	nd	nd
1 mM SA	CHH	4	5670176	5670205	6	0.207	0.067	3.8E-03	AT4G08868	nd	nd
1 mM SA	CHH	4	5676738	5676752	4	-0.296	0.095	9.3E-04	AT4G08876	nd	nd
1 mM SA	CHH	4	5687973	5688042	10	-0.194	0.094	3.8E-03	AT4G08878	nd	nd
1 mM SA	CHH	4	5697766	5697797	12	-0.215	0.091	7.6E-03	AT4G08895	nd	nd
1 mM SA	CHH	4	5745575	5745583	4	-0.268	0.096	3.4E-04	AT4G08960	-0.3	5.5E-01
1 mM SA	CHH	4	5763713	5763783	8	-0.183	0.088	1.8E-04	AT4G08990	nd	nd
1 mM SA	CHH	4	5770345	5770387	4	-0.126	0.124	5.0E-03	AT4G08990	nd	nd
1 mM SA	CHH	4	5791622	5791661	4	-0.346	0.111	2.1E-03	AT4G09030	-1.9	1.0E-03
1 mM SA	CHH	4	5808820	5808826	4	-0.298	0.025	7.7E-04	AT4G09090	nd	nd
1 mM SA	CHH	4	5808877	5808893	8	-0.180	0.111	6.1E-04	AT4G09090	nd	nd
1 mM SA	CHH	4	5906501	5906511	4	-0.256	0.199	6.7E-03	AT4G09310	nd	nd
1 mM SA	CHH	4	5933549	5933696	10	-0.167	0.136	3.0E-03	AT4G09350	1.0	9.3E-03
1 mM SA	CHH	4	5936234	5936248	4	0.303	0.063	1.3E-03	AT4G09360	nd	nd
1 mM SA	CHH	4	5961191	5961231	4	-0.149	0.122	7.6E-03	AT4G09420	0.9	9.6E-02
1 mM SA	CHH	4	5966463	5966484	4	-0.239	0.057	1.4E-03	AT4G09420	0.9	9.6E-02
1 mM SA	CHH	4	5970326	5970344	4	0.296	0.131	8.6E-03	AT4G09430	-1.3	3.4E-01

1 mM SA	CHH	4	6014942	6014954	4	-0.316	0.056	6.7E-04	AT4G09490	0.5	3.9E-01
1 mM SA	CHH	4	6030048	6030110	16	-0.199	0.099	1.8E-03	AT4G09530	nd	nd
1 mM SA	CHH	4	6030156	6030199	12	-0.132	0.078	6.3E-03	AT4G09530	nd	nd
1 mM SA	CHH	4	6037594	6037628	10	-0.197	0.136	4.8E-04	AT4G09545	nd	nd
1 mM SA	CHH	4	6047465	6047491	4	-0.326	0.092	1.0E-03	AT4G09570	0.1	7.1E-01
1 mM SA	CHH	4	6054650	6054658	4	0.347	0.040	6.5E-05	AT4G09580	0.0	1.0E+00
1 mM SA	CHH	4	6055236	6055264	6	-0.378	0.079	1.5E-04	AT4G09580	0.0	1.0E+00
1 mM SA	CHH	4	6057446	6057466	12	0.393	0.065	1.1E-04	AT4G09580	0.0	1.0E+00
1 mM SA	CHH	4	6057468	6057572	56	0.566	0.090	2.4E-05	AT4G09580	0.0	1.0E+00
1 mM SA	CHH	4	6057577	6057588	6	0.502	0.185	3.0E-04	AT4G09580	0.0	1.0E+00
1 mM SA	CHH	4	6102208	6102246	6	-0.296	0.095	1.6E-03	AT4G09650	1.7	1.1E-05
1 mM SA	CHH	4	6110665	6110675	6	-0.201	0.160	9.8E-04	AT4G09670	1.0	4.8E-03
1 mM SA	CHH	4	6114936	6114950	4	-0.245	0.120	9.9E-03	AT4G09680	-0.2	6.7E-01
1 mM SA	CHH	4	6115302	6115351	4	0.206	0.099	4.1E-03	AT4G09680	-0.2	6.7E-01
1 mM SA	CHH	4	6123687	6123699	4	0.396	0.099	2.9E-03	AT4G09690	Inf	5.3E-01
1 mM SA	CHH	4	6128216	6128232	6	0.275	0.184	5.8E-03	AT4G09690	Inf	5.3E-01
1 mM SA	CHH	4	6140466	6140497	12	0.180	0.141	5.9E-03	AT4G09731	-0.3	1.0E+00
1 mM SA	CHH	4	6140721	6140737	6	-0.163	0.097	5.8E-03	AT4G09731	-0.3	1.0E+00
1 mM SA	CHH	4	6159083	6159103	4	0.260	0.096	6.9E-03	AT4G09780	-Inf	1.3E-02
1 mM SA	CHH	4	6165309	6165332	4	-0.220	0.097	6.9E-03	AT4G09784	nd	nd
1 mM SA	CHH	4	6167847	6167851	4	0.360	0.042	7.3E-04	AT4G09795	nd	nd
1 mM SA	CHH	4	6167927	6167930	4	0.310	0.064	8.1E-04	AT4G09795	nd	nd
1 mM SA	CHH	4	6168382	6168460	4	0.225	0.114	3.7E-03	AT4G09795	nd	nd
1 mM SA	CHH	4	6198189	6198198	4	-0.275	0.092	6.3E-03	AT4G09870	nd	nd
1 mM SA	CHH	4	6215107	6215126	4	0.364	0.295	1.6E-03	AT4G09880	-2.5	1.3E-01
1 mM SA	CHH	4	6215411	6215416	4	-0.226	0.080	7.8E-03	AT4G09880	-2.5	1.3E-01
1 mM SA	CHH	4	6216602	6216637	6	0.293	0.116	1.6E-03	AT4G09890	1.2	3.0E-03
1 mM SA	CHH	4	6238749	6238773	10	-0.178	0.078	8.4E-03	AT4G09960	Inf	5.3E-01
1 mM SA	CHH	4	6274804	6274830	10	-0.236	0.089	7.7E-03	AT4G10030	1.9	2.7E-11
1 mM SA	CHH	4	6279610	6279613	4	-0.171	0.111	6.7E-03	AT4G10040	-0.6	1.3E-01
1 mM SA	CHH	4	6290643	6290725	18	-0.224	0.109	1.7E-03	AT4G10060	0.7	7.2E-02
1 mM SA	CHH	4	6311537	6311543	4	-0.246	0.076	9.2E-03	AT4G10112	nd	nd
1 mM SA	CHH	4	6333261	6333270	4	0.295	0.055	3.1E-03	AT4G10160	4.2	2.6E-05
1 mM SA	CHH	4	6343931	6343947	8	-0.153	0.098	2.2E-03	AT4G10170	0.2	5.2E-01
1 mM SA	CHH	4	6374086	6374115	8	-0.206	0.048	6.2E-03	AT4G10265	-0.7	7.0E-01
1 mM SA	CHH	4	6418862	6418867	4	0.296	0.058	2.5E-03	AT4G10360	0.3	5.4E-01
1 mM SA	CHH	4	6427074	6427101	4	0.282	0.091	4.7E-03	AT4G10370	nd	nd
1 mM SA	CHH	4	6428726	6428749	6	-0.207	0.109	9.3E-03	AT4G10370	nd	nd
1 mM SA	CHH	4	6429796	6429825	4	-0.267	0.106	2.5E-03	AT4G10370	nd	nd
1 mM SA	CHH	4	6471157	6471186	6	-0.232	0.053	8.4E-03	AT4G10465	nd	nd
1 mM SA	CHH	4	6479570	6479616	12	-0.190	0.109	1.6E-03	AT4G10480	0.4	5.0E-01
1 mM SA	CHH	4	6487329	6487367	10	-0.304	0.119	3.4E-03	AT4G10490	nd	nd
1 mM SA	CHH	4	6487384	6487441	18	-0.127	0.096	3.5E-03	AT4G10490	nd	nd
1 mM SA	CHH	4	6529724	6529743	8	-0.209	0.145	9.5E-03	AT4G10570	-0.2	7.3E-01
1 mM SA	CHH	4	6639174	6639191	6	0.269	0.116	3.1E-03	AT4G10780	-Inf	2.2E-01
1 mM SA	CHH	4	6678039	6678056	6	-0.205	0.104	5.8E-03	AT4G10860	-8.2	4.5E-20
1 mM SA	CHH	4	6679287	6679421	6	-0.131	0.145	6.6E-04	AT4G10860	-8.2	4.5E-20
1 mM SA	CHH	4	6689115	6689198	4	-0.227	0.152	3.6E-03	AT4G10890	0.5	3.0E-01
1 mM SA	CHH	4	6699195	6699243	14	-0.266	0.126	9.8E-04	AT4G10920	-0.9	2.3E-02

1 mM SA	CHH	4	6699315	6699353	6	-0.229	0.104	2.5E-04	AT4G10920	-0.9	2.3E-02
1 mM SA	CHH	4	6700355	6700385	8	0.174	0.084	5.3E-03	AT4G10920	-0.9	2.3E-02
1 mM SA	CHH	4	6748790	6748802	4	-0.256	0.076	3.3E-04	AT4G11050	nd	nd
1 mM SA	CHH	4	6748804	6748833	8	-0.184	0.127	7.2E-03	AT4G11050	nd	nd
1 mM SA	CHH	4	6757163	6757183	4	-0.288	0.164	9.8E-03	AT4G11060	0.5	3.3E-01
1 mM SA	CHH	4	6757825	6757852	10	-0.149	0.106	8.4E-03	AT4G11060	0.5	3.3E-01
1 mM SA	CHH	4	6768359	6768391	4	-0.211	0.108	8.1E-03	AT4G11100	0.9	1.6E-02
1 mM SA	CHH	4	6831889	6831897	4	0.226	0.094	9.1E-03	AT4G11210	nd	nd
1 mM SA	CHH	4	6846228	6846236	4	0.248	0.109	4.3E-03	AT4G11230	-0.8	5.9E-01
1 mM SA	CHH	4	6846288	6846373	4	0.326	0.089	2.1E-03	AT4G11230	-0.8	5.9E-01
1 mM SA	CHH	4	6874495	6874567	10	-0.208	0.154	5.3E-03	AT4G11300	-1.0	2.8E-02
1 mM SA	CHH	4	6908463	6908468	4	-0.276	0.099	1.7E-03	AT4G11370	0.0	9.0E-01
1 mM SA	CHH	4	6908693	6908732	6	-0.279	0.156	2.7E-03	AT4G11370	0.0	9.0E-01
1 mM SA	CHH	4	6911481	6911501	6	-0.176	0.122	4.7E-03	AT4G11370	0.0	9.0E-01
1 mM SA	CHH	4	6943901	6943915	4	-0.238	0.134	1.5E-03	AT4G11410	-1.0	3.6E-02
1 mM SA	CHH	4	6944119	6944178	10	-0.228	0.133	9.6E-03	AT4G11410	-1.0	3.6E-02
1 mM SA	CHH	4	6953567	6953593	4	-0.274	0.143	5.6E-03	AT4G11430	nd	nd
1 mM SA	CHH	4	6985126	6985169	6	-0.186	0.143	4.2E-03	AT4G11521	0.9	1.2E-02
1 mM SA	CHH	4	7032490	7032501	4	-0.211	0.088	5.5E-03	AT4G11653	nd	nd
1 mM SA	CHH	4	7040957	7040980	8	0.213	0.119	7.9E-03	AT4G11660	-0.5	4.1E-01
1 mM SA	CHH	4	7090065	7090091	8	-0.256	0.077	1.2E-03	AT4G11790	0.4	4.0E-01
1 mM SA	CHH	4	7101668	7101679	6	0.214	0.071	7.5E-03	AT4G11800	-0.5	3.4E-01
1 mM SA	CHH	4	7102449	7102459	6	-0.260	0.079	8.7E-03	AT4G11800	-0.5	3.4E-01
1 mM SA	CHH	4	7102498	7102556	14	-0.206	0.117	7.6E-03	AT4G11800	-0.5	3.4E-01
1 mM SA	CHH	4	7103963	7103970	4	-0.339	0.099	7.4E-04	AT4G11810	2.0	5.0E-02
1 mM SA	CHH	4	7164648	7164659	4	0.209	0.073	4.1E-03	AT4G11930	Inf	5.3E-01
1 mM SA	CHH	4	7171152	7171177	4	0.319	0.097	4.8E-04	AT4G11940	nd	nd
1 mM SA	CHH	4	7191184	7191198	6	-0.204	0.159	1.3E-03	AT4G11990	-0.2	6.2E-01
1 mM SA	CHH	4	7231453	7231472	6	-0.260	0.093	3.8E-04	AT4G12070	-0.1	1.0E+00
1 mM SA	CHH	4	7235819	7235826	4	0.368	0.010	6.0E-05	AT4G12080	-2.8	1.4E-05
1 mM SA	CHH	4	7249681	7249692	4	-0.356	0.071	9.3E-05	AT4G12100	-Inf	1.2E-01
1 mM SA	CHH	4	7267412	7267436	6	0.365	0.094	2.2E-03	AT4G12140	Inf	2.7E-01
1 mM SA	CHH	4	7267665	7267692	4	-0.211	0.087	6.1E-03	AT4G12140	Inf	2.7E-01
1 mM SA	CHH	4	7318492	7318497	4	-0.366	0.045	1.3E-04	AT4G12330	Inf	6.7E-02
1 mM SA	CHH	4	7322678	7322700	4	-0.447	0.138	1.5E-03	AT4G12340	-1.3	2.2E-03
1 mM SA	CHH	4	7356931	7356949	6	-0.170	0.121	8.4E-03	AT4G12420	1.2	3.5E-04
1 mM SA	CHH	4	7364425	7364430	4	-0.313	0.128	7.9E-03	AT4G12430	2.1	1.1E-06
1 mM SA	CHH	4	7364589	7364626	6	-0.210	0.110	9.4E-03	AT4G12430	2.1	1.1E-06
1 mM SA	CHH	4	7390974	7390995	6	-0.164	0.125	6.3E-03	AT4G12460	0.5	2.5E-01
1 mM SA	CHH	4	7519874	7519898	4	0.267	0.126	3.1E-03	AT4G12790	-0.3	5.7E-01
1 mM SA	CHH	4	7524760	7524772	6	-0.222	0.122	2.2E-03	AT4G12810	nd	nd
1 mM SA	CHH	4	7526459	7526469	4	0.275	0.161	5.5E-03	AT4G12820	nd	nd
1 mM SA	CHH	4	7540086	7540100	4	0.153	0.110	9.3E-03	AT4G12860	nd	nd
1 mM SA	CHH	4	7564224	7564236	4	0.282	0.190	2.6E-03	AT4G12920	nd	nd
1 mM SA	CHH	4	7564990	7565013	4	0.249	0.082	2.1E-03	AT4G12920	nd	nd
1 mM SA	CHH	4	7565226	7565232	4	-0.226	0.175	3.1E-03	AT4G12920	nd	nd
1 mM SA	CHH	4	7579069	7579072	4	-0.311	0.069	6.1E-04	AT4G12950	nd	nd
1 mM SA	CHH	4	7579083	7579107	8	-0.233	0.136	3.4E-04	AT4G12950	nd	nd
1 mM SA	CHH	4	7640389	7640399	4	0.203	0.110	6.1E-03	AT4G13110	-1.1	1.6E-02

1 mM SA	CHH	4	7688539	7688566	6	-0.218	0.091	8.3E-03	AT4G13250	-0.8	7.8E-02
1 mM SA	CHH	4	7730608	7730617	4	0.344	0.127	7.9E-03	AT4G13270	-0.5	3.8E-01
1 mM SA	CHH	4	7830670	7830680	4	-0.270	0.143	9.8E-03	AT4G13460	0.0	9.6E-01
1 mM SA	CHH	4	7884942	7884975	4	-0.184	0.131	7.2E-03	AT4G13570	nd	nd
1 mM SA	CHH	4	7896819	7896876	14	-0.184	0.111	3.6E-03	AT4G13575	2.5	2.6E-27
1 mM SA	CHH	4	7909261	7909290	4	0.320	0.225	4.1E-03	AT4G13600	1.3	2.3E-01
1 mM SA	CHH	4	7923434	7923438	4	-0.312	0.115	8.6E-04	AT4G13615	-0.8	9.3E-02
1 mM SA	CHH	4	8030510	8030527	4	-0.260	0.034	6.7E-04	AT4G13885	-0.7	5.2E-01
1 mM SA	CHH	4	8030543	8030559	4	-0.218	0.095	5.1E-04	AT4G13885	-0.7	5.2E-01
1 mM SA	CHH	4	8130665	8130720	12	-0.278	0.065	1.3E-05	AT4G14105	nd	nd
1 mM SA	CHH	4	8138402	8138437	6	0.203	0.167	2.9E-03	AT4G14130	3.8	3.7E-05
1 mM SA	CHH	4	8252387	8252415	4	0.267	0.153	1.9E-03	AT4G14340	-0.1	1.0E+00
1 mM SA	CHH	4	8267084	8267117	8	0.189	0.155	1.2E-03	AT4G14358	2.1	2.8E-05
1 mM SA	CHH	4	8345661	8345709	12	-0.189	0.117	1.9E-03	AT4G14540	-0.2	5.5E-01
1 mM SA	CHH	4	8353936	8353982	10	-0.170	0.102	7.6E-03	AT4G14550	1.9	5.2E-09
1 mM SA	CHH	4	8421652	8421691	12	-0.132	0.080	7.1E-03	AT4G14700	0.2	5.5E-01
1 mM SA	CHH	4	8447018	8447044	8	-0.128	0.104	5.8E-03	AT4G14730	-Inf	1.0E+00
1 mM SA	CHH	4	8537464	8537476	6	-0.192	0.125	9.3E-03	AT4G14930	-1.6	5.6E-04
1 mM SA	CHH	4	8550781	8550786	4	0.390	0.129	2.3E-03	AT4G14960	2.5	1.6E-17
1 mM SA	CHH	4	8564846	8564871	6	0.220	0.130	7.2E-03	AT4G14980	nd	nd
1 mM SA	CHH	4	8597630	8597673	10	-0.134	0.067	8.1E-03	AT4G15056	nd	nd
1 mM SA	CHH	4	8671071	8671127	10	-0.232	0.139	4.9E-03	AT4G15215	0.1	9.6E-01
1 mM SA	CHH	4	8725589	8725605	4	0.189	0.102	3.5E-03	AT4G15290	nd	nd
1 mM SA	CHH	4	8744293	8744306	4	-0.189	0.105	5.7E-03	AT4G15320	nd	nd
1 mM SA	CHH	4	8803714	8803723	6	0.161	0.103	3.4E-03	AT4G15393	nd	nd
1 mM SA	CHH	4	8803785	8803797	4	0.243	0.084	8.6E-04	AT4G15393	nd	nd
1 mM SA	CHH	4	8882606	8882651	10	-0.220	0.077	7.8E-03	AT4G15560	1.7	2.0E-05
1 mM SA	CHH	4	8905494	8905523	4	-0.224	0.161	5.2E-03	AT4G15610	-4.7	3.5E-20
1 mM SA	CHH	4	8947332	8947350	6	-0.313	0.067	1.4E-03	AT4G15715	nd	nd
1 mM SA	CHH	4	8959599	8959613	6	0.536	0.127	6.1E-04	AT4G15730	0.5	5.6E-01
1 mM SA	CHH	4	8959639	8959666	8	-0.221	0.115	4.3E-03	AT4G15730	0.5	5.6E-01
1 mM SA	CHH	4	8960381	8960392	4	-0.258	0.116	6.6E-03	AT4G15733	nd	nd
1 mM SA	CHH	4	9034013	9034071	16	-0.192	0.128	3.9E-03	AT4G15920	2.7	2.0E-25
1 mM SA	CHH	4	9146881	9146918	4	-0.340	0.078	4.8E-04	AT4G16150	-0.8	1.1E-01
1 mM SA	CHH	4	9188756	9188762	4	-0.193	0.114	4.7E-03	AT4G16230	nd	nd
1 mM SA	CHH	4	9190147	9190152	4	0.260	0.093	1.0E-02	AT4G16240	1.7	7.4E-02
1 mM SA	CHH	4	9266440	9266463	8	-0.153	0.097	5.8E-03	AT4G16420	-0.1	8.7E-01
1 mM SA	CHH	4	9283791	9283798	4	0.300	0.076	1.9E-04	AT4G16460	1.8	2.9E-01
1 mM SA	CHH	4	9336100	9336132	6	-0.193	0.094	7.6E-03	AT4G16566	-0.6	3.3E-01
1 mM SA	CHH	4	9522262	9522315	4	-0.284	0.075	3.3E-03	AT4G16920	0.9	2.9E-01
1 mM SA	CHH	4	9523949	9523985	4	-0.190	0.157	6.9E-03	AT4G16920	0.9	2.9E-01
1 mM SA	CHH	4	9566055	9566065	4	0.183	0.085	8.2E-03	AT4G17000	0.1	9.2E-01
1 mM SA	CHH	4	9573670	9573685	4	-0.354	0.074	3.6E-03	AT4G17010	-0.7	9.7E-02
1 mM SA	CHH	4	9637627	9637642	6	0.383	0.041	3.3E-04	AT4G17150	0.0	1.0E+00
1 mM SA	CHH	4	9688489	9688496	4	-0.285	0.007	7.4E-09	AT4G17310	0.2	6.2E-01
1 mM SA	CHH	4	9735504	9735516	4	0.286	0.060	3.8E-03	AT4G17453	nd	nd
1 mM SA	CHH	4	9737617	9737667	10	-0.242	0.114	4.3E-03	AT4G17453	nd	nd
1 mM SA	CHH	4	9762126	9762149	4	-0.302	0.146	2.0E-03	AT4G17500	-1.1	2.1E-02
1 mM SA	CHH	4	9763788	9763818	4	0.286	0.082	9.2E-03	AT4G17505	nd	nd

1 mM SA	CHH	4	9795777	9795794	4	-0.181	0.081	5.8E-03	AT4G17585	-Inf	1.0E+00
1 mM SA	CHH	4	9798538	9798551	6	-0.244	0.090	5.3E-03	AT4G17590	nd	nd
1 mM SA	CHH	4	9909105	9909110	4	-0.291	0.080	1.6E-03	AT4G17810	2.6	1.8E-22
1 mM SA	CHH	4	9909270	9909299	4	-0.374	0.147	1.8E-03	AT4G17810	2.6	1.8E-22
1 mM SA	CHH	4	9913902	9913929	8	-0.190	0.077	9.4E-03	AT4G17830	-0.8	6.2E-02
1 mM SA	CHH	4	10007862	10007894	10	0.152	0.078	9.0E-03	AT4G18020	-0.6	1.5E-01
1 mM SA	CHH	4	10011257	10011271	4	-0.237	0.092	3.2E-04	AT4G18020	-0.6	1.5E-01
1 mM SA	CHH	4	10052499	10052529	4	0.266	0.106	5.5E-03	AT4G18150	0.4	7.5E-01
1 mM SA	CHH	4	10172301	10172368	6	-0.193	0.122	3.5E-03	AT4G18400	-0.3	7.3E-01
1 mM SA	CHH	4	10180823	10180842	4	-0.305	0.115	1.1E-03	AT4G18425	1.8	1.4E-02
1 mM SA	CHH	4	10189564	10189581	6	-0.229	0.099	5.1E-03	AT4G18440	5.3	1.5E-50
1 mM SA	CHH	4	10189583	10189612	12	-0.214	0.087	6.2E-04	AT4G18440	5.3	1.5E-50
1 mM SA	CHH	4	10189643	10189711	14	-0.132	0.133	2.3E-03	AT4G18440	5.3	1.5E-50
1 mM SA	CHH	4	10271464	10271479	4	0.300	0.139	2.8E-03	AT4G18660	-Inf	1.0E+00
1 mM SA	CHH	4	10283853	10283860	4	-0.225	0.099	2.4E-03	AT4G18692	nd	nd
1 mM SA	CHH	4	10380679	10380697	6	0.235	0.103	9.2E-03	AT4G18960	1.1	1.2E-01
1 mM SA	CHH	4	10396676	10396695	4	-0.201	0.134	3.4E-03	AT4G18980	-3.1	4.1E-05
1 mM SA	CHH	4	10427204	10427214	4	-0.350	0.074	6.7E-04	AT4G19035	nd	nd
1 mM SA	CHH	4	10427216	10427258	12	-0.222	0.123	5.2E-03	AT4G19035	nd	nd
1 mM SA	CHH	4	10527868	10527887	4	0.198	0.067	7.1E-03	AT4G19240	nd	nd
1 mM SA	CHH	4	10632697	10632714	6	-0.256	0.093	1.2E-04	AT4G19510	-0.8	6.6E-02
1 mM SA	CHH	4	10647483	10647496	4	-0.269	0.170	1.3E-03	AT4G19520	-0.7	1.1E-01
1 mM SA	CHH	4	10648432	10648436	4	-0.167	0.118	9.5E-03	AT4G19520	-0.7	1.1E-01
1 mM SA	CHH	4	10649118	10649151	6	-0.267	0.103	4.7E-03	AT4G19520	-0.7	1.1E-01
1 mM SA	CHH	4	10683404	10683417	4	0.212	0.060	9.7E-03	AT4G19620	nd	nd
1 mM SA	CHH	4	10705678	10705688	4	0.284	0.136	5.3E-03	AT4G19690	nd	nd
1 mM SA	CHH	4	10716552	10716615	4	-0.182	0.097	5.2E-03	AT4G19700	-3.5	4.0E-16
1 mM SA	CHH	4	10748611	10748623	4	-0.257	0.076	4.6E-03	AT4G19750	nd	nd
1 mM SA	CHH	4	10827523	10827611	6	0.311	0.076	9.5E-03	AT4G19980	nd	nd
1 mM SA	CHH	4	10871134	10871171	8	-0.251	0.087	2.1E-03	AT4G20090	0.4	5.2E-01
1 mM SA	CHH	4	10901178	10901198	4	-0.320	0.064	8.5E-04	AT4G20170	0.2	8.3E-01
1 mM SA	CHH	4	10904837	10904887	16	-0.193	0.090	3.2E-03	AT4G20190	nd	nd
1 mM SA	CHH	4	10999778	10999789	4	-0.284	0.077	3.7E-03	AT4G20370	2.3	7.1E-01
1 mM SA	CHH	4	11000513	11000521	4	-0.244	0.100	4.6E-03	AT4G20370	2.3	7.1E-01
1 mM SA	CHH	4	11137578	11137683	24	-0.226	0.139	4.7E-03	AT4G20790	nd	nd
1 mM SA	CHH	4	11139223	11139315	8	-0.202	0.099	4.8E-03	AT4G20800	nd	nd
1 mM SA	CHH	4	11415899	11415928	10	-0.202	0.092	1.2E-03	AT4G21430	1.2	1.8E-03
1 mM SA	CHH	4	11416012	11416026	6	-0.178	0.090	6.1E-03	AT4G21440	2.3	4.3E-05
1 mM SA	CHH	4	11583958	11583968	4	-0.308	0.068	1.6E-03	AT4G21820	1.3	1.0E-01
1 mM SA	CHH	4	11758151	11758171	6	0.148	0.115	1.3E-03	AT4G22217	nd	nd
1 mM SA	CHH	4	11769220	11769238	8	-0.181	0.139	9.6E-03	AT4G22250	-0.2	8.4E-01
1 mM SA	CHH	4	11825993	11826009	4	-0.316	0.145	6.6E-04	AT4G22420	nd	nd
1 mM SA	CHH	4	11834179	11834237	12	-0.137	0.161	2.4E-03	AT4G22440	nd	nd
1 mM SA	CHH	4	11932145	11932167	6	0.166	0.102	5.5E-03	AT4G22700	nd	nd
1 mM SA	CHH	4	11963743	11963766	10	-0.182	0.107	3.6E-03	AT4G22770	-0.1	9.6E-01
1 mM SA	CHH	4	11978781	11978794	4	-0.306	0.038	7.5E-04	AT4G22800	nd	nd
1 mM SA	CHH	4	12052712	12052756	12	-0.198	0.083	2.5E-04	AT4G22990	1.3	1.1E-04
1 mM SA	CHH	4	12335597	12335607	4	0.236	0.126	7.8E-03	AT4G23670	0.7	1.2E-01
1 mM SA	CHH	4	12335852	12335865	4	-0.286	0.129	2.6E-03	AT4G23680	-5.8	5.5E-09

1 mM SA	CHH	4	12384697	12384761	8	-0.208	0.072	9.8E-04	AT4G23770	0.1	1.0E+00
1 mM SA	CHH	4	12570754	12570781	4	-0.381	0.179	6.0E-03	AT4G24240	1.0	4.9E-03
1 mM SA	CHH	4	12570786	12570876	12	-0.152	0.124	3.9E-03	AT4G24240	1.0	4.9E-03
1 mM SA	CHH	4	12606633	12606641	4	-0.314	0.065	6.9E-04	AT4G24330	-0.5	2.2E-01
1 mM SA	CHH	4	12740283	12740301	6	-0.218	0.072	7.0E-03	AT4G24690	-1.6	1.4E-03
1 mM SA	CHH	4	12845005	12845012	4	-0.340	0.161	1.1E-03	AT4G24975	nd	nd
1 mM SA	CHH	4	12968386	12968391	4	0.276	0.070	7.7E-03	AT4G25360	-0.1	1.0E+00
1 mM SA	CHH	4	13051881	13051896	6	0.202	0.072	7.1E-04	AT4G25560	nd	nd
1 mM SA	CHH	4	13537684	13537696	4	0.295	0.117	2.0E-03	AT4G26965	-0.3	5.5E-01
1 mM SA	CHH	4	13580479	13580578	6	0.155	0.115	4.1E-03	AT4G27050	0.1	7.0E-01
1 mM SA	CHH	4	13627851	13627867	4	-0.279	0.081	5.4E-03	AT4G27190	nd	nd
1 mM SA	CHH	4	13736294	13736307	6	0.455	0.040	3.3E-04	AT4G27470	-0.6	3.9E-01
1 mM SA	CHH	4	13736311	13736317	4	0.536	0.028	8.8E-04	AT4G27470	-0.6	3.9E-01
1 mM SA	CHH	4	13736319	13736329	6	0.570	0.074	7.3E-04	AT4G27470	-0.6	3.9E-01
1 mM SA	CHH	4	13736331	13736347	8	0.528	0.091	1.7E-03	AT4G27470	-0.6	3.9E-01
1 mM SA	CHH	4	13887278	13887283	4	-0.280	0.035	7.9E-05	AT4G27890	-Inf	4.4E-01
1 mM SA	CHH	4	14122262	14122278	4	-0.223	0.055	3.4E-04	AT4G28580	Inf	5.3E-01
1 mM SA	CHH	4	14122319	14122348	8	-0.227	0.054	3.3E-04	AT4G28580	Inf	5.3E-01
1 mM SA	CHH	4	14122375	14122388	8	-0.345	0.052	7.2E-04	AT4G28580	Inf	5.3E-01
1 mM SA	CHH	4	14122393	14122417	10	-0.185	0.101	1.9E-03	AT4G28580	Inf	5.3E-01
1 mM SA	CHH	4	14249949	14250018	16	-0.189	0.091	3.4E-03	AT4G28870	nd	nd
1 mM SA	CHH	4	14267905	14267922	8	-0.162	0.093	4.6E-03	AT4G28910	-0.2	6.8E-01
1 mM SA	CHH	4	14333632	14333653	8	-0.206	0.097	5.7E-05	AT4G29090	nd	nd
1 mM SA	CHH	4	14398209	14398220	6	-0.293	0.138	1.6E-03	AT4G29200	-Inf	1.0E+00
1 mM SA	CHH	4	14398221	14398245	6	-0.121	0.098	4.1E-03	AT4G29200	-Inf	1.0E+00
1 mM SA	CHH	4	14546449	14546475	8	0.222	0.106	1.4E-03	AT4G29710	nd	nd
1 mM SA	CHH	4	14546534	14546573	12	-0.297	0.106	3.4E-04	AT4G29710	nd	nd
1 mM SA	CHH	4	14813980	14813985	4	0.288	0.091	1.2E-03	AT4G30250	3.1	1.1E-04
1 mM SA	CHH	4	14887312	14887326	4	-0.320	0.055	5.8E-03	AT4G30450	-0.4	4.9E-01
1 mM SA	CHH	4	14911730	14911789	18	-0.153	0.081	6.6E-03	AT4G30520	1.7	2.3E-05
1 mM SA	CHH	4	14915768	14915778	4	-0.201	0.065	5.4E-04	AT4G30520	1.7	2.3E-05
1 mM SA	CHH	4	15012809	15012822	4	-0.283	0.112	5.4E-04	AT4G30825	1.4	1.1E-04
1 mM SA	CHH	4	15065997	15066030	10	-0.184	0.135	9.9E-03	AT4G30960	-0.4	3.9E-01
1 mM SA	CHH	4	15066290	15066341	12	-0.181	0.115	3.4E-03	AT4G30960	-0.4	3.9E-01
1 mM SA	CHH	4	15160520	15160537	4	0.206	0.098	2.4E-03	AT4G31196	nd	nd
1 mM SA	CHH	4	15442090	15442147	8	0.164	0.135	3.3E-03	AT4G31910	1.4	1.7E-01
1 mM SA	CHH	4	15816260	15816315	18	-0.258	0.113	9.6E-04	AT4G32800	2.5	1.3E-13
1 mM SA	CHH	4	15860194	15860202	4	-0.262	0.060	1.3E-03	AT4G32870	-4.2	5.2E-28
1 mM SA	CHH	4	15923893	15923907	6	-0.200	0.158	5.5E-03	AT4G33000	0.9	1.1E-02
1 mM SA	CHH	4	16201172	16201181	4	-0.192	0.082	6.1E-03	AT4G33780	-1.3	1.9E-03
1 mM SA	CHH	4	16325756	16325812	12	-0.163	0.095	2.2E-03	AT4G34070	-0.8	1.9E-01
1 mM SA	CHH	4	16326637	16326681	6	-0.225	0.091	6.5E-03	AT4G34080	3.4	1.6E-05
1 mM SA	CHH	4	16520658	16520672	4	-0.302	0.059	5.9E-04	AT4G34588	0.9	1.4E-01
1 mM SA	CHH	4	16520869	16520875	4	-0.229	0.053	8.7E-04	AT4G34588	0.9	1.4E-01
1 mM SA	CHH	4	16729889	16729969	10	-0.175	0.109	2.6E-03	AT4G35150	nd	nd
1 mM SA	CHH	4	16730020	16730029	4	0.279	0.040	9.5E-03	AT4G35150	nd	nd
1 mM SA	CHH	4	16920953	16920962	4	-0.227	0.083	4.4E-03	AT4G35690	nd	nd
1 mM SA	CHH	4	16921023	16921036	4	-0.177	0.124	4.4E-03	AT4G35690	nd	nd
1 mM SA	CHH	4	17022248	17022258	4	0.443	0.109	7.8E-05	AT4G35940	-0.8	1.0E-01

1 mM SA	CHH	4	17022261	17022324	26	0.517	0.073	1.1E-06	AT4G35940	-0.8	1.0E-01
1 mM SA	CHH	4	17022326	17022331	4	0.479	0.034	3.6E-10	AT4G35940	-0.8	1.0E-01
1 mM SA	CHH	4	17298580	17298594	6	0.441	0.069	5.5E-05	AT4G36700	-1.4	7.6E-01
1 mM SA	CHH	4	17394363	17394384	8	-0.206	0.070	9.6E-03	AT4G36910	-0.8	1.1E-01
1 mM SA	CHH	4	17404441	17404446	4	-0.281	0.154	3.8E-03	AT4G36925	nd	nd
1 mM SA	CHH	4	17625064	17625076	4	-0.225	0.055	3.9E-03	AT4G37500	nd	nd
1 mM SA	CHH	4	17625088	17625101	4	-0.338	0.014	1.7E-05	AT4G37500	nd	nd
1 mM SA	CHH	4	17638333	17638359	4	-0.222	0.046	2.0E-03	AT4G37540	-1.1	8.1E-03
1 mM SA	CHH	4	17655634	17655717	10	-0.169	0.156	3.6E-03	AT4G37580	0.8	7.3E-02
1 mM SA	CHH	4	17789348	17789355	4	0.294	0.055	6.8E-03	AT4G37830	-1.3	3.5E-03
1 mM SA	CHH	4	17789549	17789594	12	0.145	0.084	2.2E-03	AT4G37830	-1.3	3.5E-03
1 mM SA	CHH	4	18202052	18202087	8	-0.222	0.156	2.5E-03	AT4G39060	Inf	5.3E-01
1 mM SA	CHH	4	18232893	18232901	4	-0.297	0.109	2.1E-03	AT4G39140	-1.5	6.9E-04
1 mM SA	CHH	4	18232904	18232934	10	-0.220	0.059	1.0E-03	AT4G39140	-1.5	6.9E-04
1 mM SA	CHH	4	18247873	18247884	4	-0.437	0.085	6.5E-05	AT4G39180	-0.4	4.9E-01
1 mM SA	CHH	4	18377647	18377684	4	-0.261	0.088	1.3E-03	AT4G39530	1.0	9.6E-02
1 mM SA	CHH	4	18426180	18426189	4	-0.240	0.032	3.6E-03	AT4G39700	Inf	2.0E-02
1 mM SA	CHH	4	18499126	18499137	4	-0.242	0.125	2.1E-03	AT4G39860	-1.3	3.2E-03
1 mM SA	CHH	4	18510456	18510464	4	0.520	0.100	1.1E-06	AT4G39900	1.3	2.8E-04
1 mM SA	CHH	4	18510467	18510558	42	0.459	0.070	8.6E-06	AT4G39900	1.3	2.8E-04
1 mM SA	CHH	5	88	114	8	-0.114	0.110	1.1E-03	AT5G01010	-1.3	3.7E-03
1 mM SA	CHH	5	29250	29366	10	-0.226	0.143	6.8E-03	AT5G01080	nd	nd
1 mM SA	CHH	5	56814	56825	6	-0.314	0.081	1.3E-05	AT5G01170	1.8	3.2E-03
1 mM SA	CHH	5	56856	56878	8	-0.209	0.094	8.1E-03	AT5G01170	1.8	3.2E-03
1 mM SA	CHH	5	137993	138052	12	-0.176	0.161	2.6E-03	AT5G01330	1.3	7.7E-01
1 mM SA	CHH	5	250233	250256	8	-0.296	0.234	3.1E-03	AT5G01670	-1.6	1.3E-04
1 mM SA	CHH	5	250827	250840	4	-0.388	0.096	2.0E-06	AT5G01670	-1.6	1.3E-04
1 mM SA	CHH	5	250993	251017	4	0.232	0.167	2.8E-03	AT5G01670	-1.6	1.3E-04
1 mM SA	CHH	5	317484	317498	4	-0.193	0.074	3.3E-03	AT5G01820	-1.2	3.4E-03
1 mM SA	CHH	5	355345	355385	14	-0.206	0.114	3.9E-03	AT5G01900	-4.4	6.4E-13
1 mM SA	CHH	5	355712	355725	4	-0.247	0.093	2.0E-03	AT5G01910	0.4	7.0E-01
1 mM SA	CHH	5	394095	394099	4	0.336	0.023	3.2E-06	AT5G02030	0.0	9.3E-01
1 mM SA	CHH	5	394253	394268	4	-0.204	0.139	5.4E-03	AT5G02030	0.0	9.3E-01
1 mM SA	CHH	5	490092	490161	22	-0.163	0.076	1.0E-03	AT5G02330	nd	nd
1 mM SA	CHH	5	503250	503275	4	-0.195	0.067	4.6E-03	AT5G02370	-0.2	9.1E-01
1 mM SA	CHH	5	582366	582383	6	-0.259	0.046	4.0E-03	AT5G02590	0.9	3.7E-02
1 mM SA	CHH	5	699349	699390	10	-0.141	0.112	1.9E-03	AT5G02990	nd	nd
1 mM SA	CHH	5	743913	743917	4	-0.273	0.055	8.2E-04	AT5G03150	0.9	7.9E-02
1 mM SA	CHH	5	743946	743953	4	-0.247	0.041	9.6E-04	AT5G03150	0.9	7.9E-02
1 mM SA	CHH	5	744026	744068	12	-0.236	0.090	8.0E-03	AT5G03150	0.9	7.9E-02
1 mM SA	CHH	5	971519	971598	28	0.600	0.078	1.4E-04	AT5G03710	nd	nd
1 mM SA	CHH	5	1026918	1026971	4	-0.239	0.099	3.5E-03	AT5G03840	0.7	8.2E-01
1 mM SA	CHH	5	1115493	1115506	6	0.221	0.180	3.0E-03	AT5G04110	0.6	2.7E-01
1 mM SA	CHH	5	1116163	1116169	4	-0.356	0.049	1.5E-03	AT5G04110	0.6	2.7E-01
1 mM SA	CHH	5	1116182	1116206	4	-0.314	0.058	1.1E-04	AT5G04110	0.6	2.7E-01
1 mM SA	CHH	5	1160188	1160236	16	-0.171	0.081	4.6E-04	AT5G04230	0.8	1.1E-01
1 mM SA	CHH	5	1323227	1323259	6	-0.198	0.114	3.1E-03	AT5G04600	-0.1	6.7E-01
1 mM SA	CHH	5	1518748	1518768	4	0.210	0.146	6.6E-03	AT5G05140	-0.9	3.6E-02
1 mM SA	CHH	5	1813206	1813231	4	0.270	0.074	4.2E-03	AT5G06030	nd	nd

1 mM SA	CHH	5	2041245	2041306	6	-0.271	0.190	7.5E-03	AT5G06640	nd	nd
1 mM SA	CHH	5	2071895	2071913	4	0.177	0.098	3.4E-03	AT5G06710	1.3	2.3E-03
1 mM SA	CHH	5	2240250	2240267	8	-0.207	0.109	1.6E-04	AT5G07190	nd	nd
1 mM SA	CHH	5	2276355	2276363	4	-0.320	0.156	6.9E-03	AT5G07250	1.0	5.6E-03
1 mM SA	CHH	5	2289512	2289529	6	-0.213	0.104	5.3E-03	AT5G07290	-0.2	6.7E-01
1 mM SA	CHH	5	2347750	2347754	4	0.295	0.170	3.5E-03	AT5G07420	nd	nd
1 mM SA	CHH	5	2348038	2348051	4	0.242	0.163	8.0E-03	AT5G07420	nd	nd
1 mM SA	CHH	5	2348134	2348140	4	-0.207	0.188	7.6E-03	AT5G07420	nd	nd
1 mM SA	CHH	5	2395510	2395531	4	-0.270	0.046	2.8E-03	AT5G07570	nd	nd
1 mM SA	CHH	5	2560107	2560115	6	-0.274	0.037	3.4E-04	AT5G07990	1.0	9.8E-02
1 mM SA	CHH	5	2603636	2603658	4	-0.269	0.086	7.4E-04	AT5G08120	0.6	9.7E-02
1 mM SA	CHH	5	2656151	2656171	8	0.261	0.053	1.2E-03	AT5G08250	-Inf	1.0E+00
1 mM SA	CHH	5	2860569	2860579	4	-0.209	0.135	2.6E-03	AT5G08790	-1.5	1.5E-03
1 mM SA	CHH	5	2957114	2957151	6	-0.211	0.114	5.1E-03	AT5G09510	1.3	2.4E-04
1 mM SA	CHH	5	2957229	2957253	6	-0.189	0.064	1.2E-03	AT5G09510	1.3	2.4E-04
1 mM SA	CHH	5	2957348	2957363	4	-0.124	0.126	6.5E-03	AT5G09510	1.3	2.4E-04
1 mM SA	CHH	5	3114831	3114846	4	0.269	0.078	8.1E-03	AT5G09970	Inf	5.3E-01
1 mM SA	CHH	5	3549998	3550013	4	-0.245	0.064	2.9E-04	AT5G11160	1.5	7.7E-03
1 mM SA	CHH	5	3560916	3560931	6	-0.250	0.123	2.5E-03	AT5G11180	nd	nd
1 mM SA	CHH	5	3688697	3688714	6	0.227	0.123	5.5E-03	AT5G11520	-2.4	2.5E-08
1 mM SA	CHH	5	3738520	3738546	10	-0.166	0.084	8.6E-03	AT5G11610	1.2	2.0E-04
1 mM SA	CHH	5	3895834	3895840	4	-0.321	0.034	1.2E-06	AT5G12060	nd	nd
1 mM SA	CHH	5	3895875	3895890	4	0.212	0.070	1.1E-04	AT5G12060	nd	nd
1 mM SA	CHH	5	3904901	3904919	6	-0.241	0.053	7.5E-03	AT5G12080	2.3	4.2E-14
1 mM SA	CHH	5	3905274	3905293	4	-0.233	0.055	6.4E-03	AT5G12080	2.3	4.2E-14
1 mM SA	CHH	5	3909437	3909442	4	0.258	0.066	5.9E-03	AT5G12090	nd	nd
1 mM SA	CHH	5	3910313	3910331	4	-0.190	0.094	9.4E-04	AT5G12090	nd	nd
1 mM SA	CHH	5	3946985	3946995	4	-0.228	0.066	2.7E-03	AT5G12210	-1.6	2.2E-04
1 mM SA	CHH	5	3965966	3965976	4	-0.342	0.087	1.3E-03	AT5G12260	0.4	4.7E-01
1 mM SA	CHH	5	4074124	4074163	16	0.390	0.066	2.4E-04	AT5G12900	0.2	7.8E-01
1 mM SA	CHH	5	4074165	4074183	10	0.390	0.059	2.5E-04	AT5G12900	0.2	7.8E-01
1 mM SA	CHH	5	4074185	4074211	14	0.341	0.041	2.3E-03	AT5G12900	0.2	7.8E-01
1 mM SA	CHH	5	4165723	4165745	12	-0.191	0.090	3.9E-04	AT5G13130	nd	nd
1 mM SA	CHH	5	4321587	4321654	8	-0.152	0.105	9.9E-03	AT5G13470	-1.2	4.5E-02
1 mM SA	CHH	5	4508365	4508416	18	-0.160	0.113	5.8E-03	AT5G13980	0.3	4.1E-01
1 mM SA	CHH	5	4530183	4530207	6	-0.190	0.112	3.2E-03	AT5G14040	0.2	7.3E-01
1 mM SA	CHH	5	4561228	4561234	4	0.407	0.136	1.7E-04	AT5G14140	0.4	4.3E-01
1 mM SA	CHH	5	4780928	4780935	4	-0.358	0.035	2.2E-04	AT5G14790	2.9	1.2E-20
1 mM SA	CHH	5	4987294	4987319	4	0.198	0.113	4.0E-03	AT5G15350	0.5	1.9E-01
1 mM SA	CHH	5	5111516	5111541	6	-0.223	0.125	1.7E-03	AT5G15680	-0.4	3.7E-01
1 mM SA	CHH	5	5112382	5112431	4	-0.171	0.083	4.9E-03	AT5G15680	-0.4	3.7E-01
1 mM SA	CHH	5	5128611	5128637	4	0.262	0.082	1.2E-03	AT5G15725	nd	nd
1 mM SA	CHH	5	5129190	5129204	4	0.336	0.120	1.8E-03	AT5G15730	-0.6	2.1E-01
1 mM SA	CHH	5	5217348	5217409	14	-0.178	0.094	3.1E-03	AT5G15980	0.3	6.1E-01
1 mM SA	CHH	5	5288379	5288414	8	-0.145	0.112	6.1E-04	AT5G16200	-2.2	1.9E-05
1 mM SA	CHH	5	5397445	5397451	4	0.734	0.043	4.5E-06	AT5G16520	-0.6	2.6E-01
1 mM SA	CHH	5	5397453	5397497	18	0.558	0.060	5.0E-08	AT5G16520	-0.6	2.6E-01
1 mM SA	CHH	5	5442944	5442962	4	-0.279	0.086	8.1E-03	AT5G16600	1.4	2.6E-02
1 mM SA	CHH	5	5749371	5749387	4	-0.195	0.067	3.5E-03	AT5G17440	-1.0	1.8E-02

1 mM SA	CHH	5	5976894	5976927	6	0.203	0.148	2.3E-03	AT5G18060	3.0	1.7E-05
1 mM SA	CHH	5	6073263	6073301	6	-0.255	0.133	9.2E-03	AT5G18340	-1.1	2.5E-01
1 mM SA	CHH	5	6117692	6117817	10	0.259	0.119	6.9E-04	AT5G18450	nd	nd
1 mM SA	CHH	5	6206013	6206130	26	-0.202	0.121	8.9E-03	AT5G18630	-0.7	2.1E-01
1 mM SA	CHH	5	6210887	6210916	4	-0.234	0.060	1.6E-03	AT5G18636	nd	nd
1 mM SA	CHH	5	6211699	6211810	8	-0.208	0.103	5.8E-03	AT5G18636	nd	nd
1 mM SA	CHH	5	6325145	6325177	8	-0.154	0.094	2.5E-03	AT5G18940	-0.1	1.0E+00
1 mM SA	CHH	5	6349055	6349061	4	-0.272	0.019	4.0E-05	AT5G19010	0.2	5.2E-01
1 mM SA	CHH	5	6349082	6349137	12	-0.122	0.095	9.6E-03	AT5G19010	0.2	5.2E-01
1 mM SA	CHH	5	6461231	6461258	6	-0.246	0.110	1.7E-03	AT5G19210	1.2	1.6E-03
1 mM SA	CHH	5	6633018	6633121	10	-0.246	0.088	3.4E-03	AT5G19630	-0.3	6.6E-01
1 mM SA	CHH	5	6635356	6635365	4	-0.371	0.085	1.7E-03	AT5G19640	nd	nd
1 mM SA	CHH	5	6635420	6635432	4	-0.387	0.040	7.8E-05	AT5G19640	nd	nd
1 mM SA	CHH	5	6702056	6702075	6	-0.337	0.146	8.7E-05	AT5G19820	0.0	1.0E+00
1 mM SA	CHH	5	6771392	6771403	4	0.335	0.070	2.5E-04	AT5G20040	0.4	3.7E-01
1 mM SA	CHH	5	6869318	6869328	4	-0.251	0.129	6.3E-03	AT5G20320	-0.6	1.7E-01
1 mM SA	CHH	5	6915455	6915467	6	0.364	0.158	2.3E-03	AT5G20460	nd	nd
1 mM SA	CHH	5	6915471	6915568	36	0.309	0.145	7.8E-04	AT5G20460	nd	nd
1 mM SA	CHH	5	6982411	6982437	8	-0.204	0.127	3.1E-03	AT5G20635	1.3	1.3E-01
1 mM SA	CHH	5	7027487	7027516	8	-0.210	0.142	1.6E-03	AT5G20740	4.4	1.6E-09
1 mM SA	CHH	5	7042884	7042922	12	-0.198	0.115	5.1E-03	AT5G20810	-1.6	2.6E-01
1 mM SA	CHH	5	7043006	7043022	6	0.326	0.142	3.1E-03	AT5G20810	-1.6	2.6E-01
1 mM SA	CHH	5	7154454	7154500	16	-0.201	0.089	5.4E-03	AT5G21060	0.4	4.4E-01
1 mM SA	CHH	5	7175714	7175792	22	-0.205	0.116	2.7E-03	AT5G21105	1.2	1.2E-03
1 mM SA	CHH	5	7190247	7190260	4	0.238	0.096	5.7E-03	AT5G21140	0.3	7.3E-01
1 mM SA	CHH	5	7190341	7190381	10	-0.186	0.163	1.6E-03	AT5G21140	0.3	7.3E-01
1 mM SA	CHH	5	7235635	7235745	10	0.308	0.161	1.6E-03	AT5G21900	-1.4	3.3E-03
1 mM SA	CHH	5	7237417	7237430	6	-0.276	0.150	3.0E-03	AT5G21900	-1.4	3.3E-03
1 mM SA	CHH	5	7328310	7328373	4	-0.164	0.119	7.3E-03	AT5G22100	0.2	8.5E-01
1 mM SA	CHH	5	7352075	7352142	14	-0.164	0.085	8.1E-03	AT5G22170	nd	nd
1 mM SA	CHH	5	7417359	7417391	4	-0.202	0.159	6.1E-03	AT5G22390	0.0	8.1E-01
1 mM SA	CHH	5	7417746	7417764	8	-0.352	0.099	1.2E-04	AT5G22390	0.0	8.1E-01
1 mM SA	CHH	5	7417855	7417895	4	-0.261	0.111	1.6E-03	AT5G22390	0.0	8.1E-01
1 mM SA	CHH	5	7473323	7473352	6	-0.271	0.078	7.5E-04	AT5G22500	6.3	2.7E-53
1 mM SA	CHH	5	7478528	7478549	6	0.451	0.071	2.0E-03	AT5G22520	-1.5	1.0E-02
1 mM SA	CHH	5	7490963	7490983	6	-0.192	0.104	7.7E-03	AT5G22555	-Inf	1.0E+00
1 mM SA	CHH	5	7505287	7505298	4	0.306	0.175	5.2E-03	AT5G22590	nd	nd
1 mM SA	CHH	5	7605977	7605987	4	-0.275	0.012	1.6E-03	AT5G22791	-Inf	1.0E+00
1 mM SA	CHH	5	7655152	7655242	12	-0.123	0.094	8.7E-03	AT5G22890	-Inf	4.6E-01
1 mM SA	CHH	5	7818102	7818115	4	-0.227	0.059	3.7E-04	AT5G23212	nd	nd
1 mM SA	CHH	5	7829725	7829739	6	0.257	0.094	4.3E-03	AT5G23250	0.4	4.5E-01
1 mM SA	CHH	5	7834714	7834750	8	-0.227	0.115	6.4E-03	AT5G23260	Inf	2.8E-01
1 mM SA	CHH	5	7893111	7893121	4	-0.246	0.088	5.2E-04	AT5G23420	-0.1	8.1E-01
1 mM SA	CHH	5	7893227	7893236	4	-0.382	0.070	3.6E-04	AT5G23420	-0.1	8.1E-01
1 mM SA	CHH	5	8052013	8052030	6	-0.251	0.092	1.0E-03	AT5G23880	0.2	8.6E-01
1 mM SA	CHH	5	8084214	8084258	4	0.412	0.146	2.7E-04	AT5G23950	-3.7	5.9E-05
1 mM SA	CHH	5	8101555	8101571	4	-0.324	0.138	8.8E-03	AT5G23980	2.9	2.2E-14
1 mM SA	CHH	5	8133616	8133624	4	-0.219	0.062	5.5E-04	AT5G24060	0.0	1.0E+00
1 mM SA	CHH	5	8178083	8178088	4	0.320	0.048	2.5E-04	AT5G24150	1.2	1.1E-02

1 mM SA	CHH	5	8179455	8179472	8	-0.133	0.096	2.5E-03	AT5G24155	4.0	6.5E-15
1 mM SA	CHH	5	8181635	8181645	4	-0.279	0.059	4.1E-03	AT5G24155	4.0	6.5E-15
1 mM SA	CHH	5	8181695	8181703	4	-0.255	0.087	5.2E-03	AT5G24155	4.0	6.5E-15
1 mM SA	CHH	5	8215905	8215914	4	-0.271	0.058	2.2E-04	AT5G24210	-2.7	7.0E-09
1 mM SA	CHH	5	8223936	8223968	6	-0.240	0.149	7.2E-03	AT5G24220	nd	nd
1 mM SA	CHH	5	8234053	8234060	4	0.267	0.075	8.1E-03	AT5G24240	-3.9	2.6E-04
1 mM SA	CHH	5	8241581	8241597	4	-0.228	0.117	3.2E-03	AT5G24270	0.8	3.7E-02
1 mM SA	CHH	5	8272859	8272868	4	-0.204	0.123	1.7E-03	AT5G24310	0.7	2.2E-01
1 mM SA	CHH	5	8293185	8293259	20	-0.176	0.097	7.1E-03	AT5G24330	1.7	1.5E-01
1 mM SA	CHH	5	8313564	8313661	6	-0.277	0.200	3.4E-03	AT5G24355	nd	nd
1 mM SA	CHH	5	8314091	8314145	4	-0.262	0.086	1.4E-03	AT5G24355	nd	nd
1 mM SA	CHH	5	8354261	8354307	6	-0.248	0.151	3.8E-03	AT5G24460	-0.2	6.3E-01
1 mM SA	CHH	5	8368959	8368972	4	-0.252	0.108	6.0E-03	AT5G24500	0.1	6.7E-01
1 mM SA	CHH	5	8369080	8369125	6	-0.219	0.100	5.8E-03	AT5G24500	0.1	6.7E-01
1 mM SA	CHH	5	8404558	8404563	4	-0.225	0.080	9.4E-03	AT5G24570	0.4	3.4E-01
1 mM SA	CHH	5	8404996	8405010	6	-0.244	0.163	2.0E-03	AT5G24570	0.4	3.4E-01
1 mM SA	CHH	5	8421113	8421141	6	-0.198	0.101	5.0E-03	AT5G24593	nd	nd
1 mM SA	CHH	5	8428164	8428198	18	0.568	0.109	3.2E-04	AT5G24610	0.7	2.8E-02
1 mM SA	CHH	5	8428200	8428230	14	0.661	0.044	1.3E-06	AT5G24610	0.7	2.8E-02
1 mM SA	CHH	5	8447072	8447106	4	-0.163	0.126	5.1E-03	AT5G24670	-1.8	6.1E-05
1 mM SA	CHH	5	8511121	8511128	4	-0.243	0.042	4.0E-05	AT5G24790	nd	nd
1 mM SA	CHH	5	8538959	8539004	14	-0.199	0.109	1.3E-03	AT5G24850	-0.6	1.3E-01
1 mM SA	CHH	5	8550079	8550114	8	-0.353	0.120	2.5E-03	AT5G24870	-2.1	2.6E-07
1 mM SA	CHH	5	8553765	8553809	6	0.796	0.101	1.5E-04	AT5G24880	Inf	5.3E-01
1 mM SA	CHH	5	8573058	8573065	4	-0.240	0.106	3.8E-03	AT5G24910	-6.8	2.7E-11
1 mM SA	CHH	5	8588862	8588886	4	-0.224	0.142	6.1E-03	AT5G24930	-0.2	6.8E-01
1 mM SA	CHH	5	8602617	8602682	6	0.166	0.082	1.8E-03	AT5G24960	nd	nd
1 mM SA	CHH	5	8611781	8611800	6	-0.198	0.091	6.4E-03	AT5G24990	-0.4	4.0E-01
1 mM SA	CHH	5	8628263	8628277	4	-0.274	0.117	3.0E-03	AT5G25050	0.1	7.7E-01
1 mM SA	CHH	5	8628441	8628578	8	-0.220	0.096	1.6E-03	AT5G25050	0.1	7.7E-01
1 mM SA	CHH	5	8683874	8683882	4	0.397	0.065	2.8E-03	AT5G25160	-Inf	6.6E-01
1 mM SA	CHH	5	8684925	8684936	4	0.256	0.051	3.7E-03	AT5G25160	-Inf	6.6E-01
1 mM SA	CHH	5	8734036	8734048	4	-0.225	0.101	7.0E-03	AT5G25220	-0.2	5.5E-01
1 mM SA	CHH	5	8783669	8783684	6	-0.185	0.076	1.6E-03	AT5G25310	1.2	7.0E-01
1 mM SA	CHH	5	8804870	8804906	4	0.229	0.151	1.2E-03	AT5G25370	1.3	5.2E-02
1 mM SA	CHH	5	8825837	8825910	12	-0.174	0.091	6.9E-03	AT5G25400	nd	nd
1 mM SA	CHH	5	8839844	8839922	4	0.236	0.045	6.4E-03	AT5G25420	nd	nd
1 mM SA	CHH	5	8873119	8873192	8	-0.230	0.109	2.4E-03	AT5G25480	0.2	7.4E-01
1 mM SA	CHH	5	8896659	8896682	4	-0.245	0.110	2.8E-03	AT5G25560	-1.2	6.8E-03
1 mM SA	CHH	5	9022084	9022096	4	-0.423	0.074	5.9E-04	AT5G25870	nd	nd
1 mM SA	CHH	5	9049792	9049805	6	-0.384	0.123	2.4E-04	AT5G25930	-0.6	2.3E-01
1 mM SA	CHH	5	9068732	9068740	4	-0.348	0.069	1.9E-03	AT5G25970	nd	nd
1 mM SA	CHH	5	9115205	9115226	4	-0.259	0.051	2.4E-03	AT5G26090	nd	nd
1 mM SA	CHH	5	9133950	9133969	4	0.309	0.185	3.8E-03	AT5G26140	nd	nd
1 mM SA	CHH	5	9155932	9155960	6	0.218	0.102	5.0E-03	AT5G26190	1.8	2.9E-01
1 mM SA	CHH	5	9187490	9187538	10	-0.199	0.072	3.7E-03	AT5G26240	-0.7	1.1E-01
1 mM SA	CHH	5	9226890	9226934	12	-0.163	0.114	1.2E-03	AT5G26290	nd	nd
1 mM SA	CHH	5	9282221	9282234	6	-0.144	0.106	6.8E-03	AT5G26692	nd	nd
1 mM SA	CHH	5	9298886	9298903	4	-0.253	0.159	7.2E-03	AT5G26730	Inf	5.3E-01

1 mM SA	CHH	5	9302857	9302889	8	-0.269	0.117	1.7E-03	AT5G26720	-0.2	8.4E-01
1 mM SA	CHH	5	9316971	9317007	12	-0.170	0.072	2.7E-03	AT5G26670	4.1	2.0E-22
1 mM SA	CHH	5	9321553	9321572	4	0.266	0.117	3.8E-03	AT5G26670	4.1	2.0E-22
1 mM SA	CHH	5	9321573	9321589	4	0.335	0.096	1.8E-03	AT5G26670	4.1	2.0E-22
1 mM SA	CHH	5	9340992	9341000	4	0.248	0.103	5.7E-04	AT5G26650	nd	nd
1 mM SA	CHH	5	9341984	9341992	4	-0.352	0.032	2.9E-06	AT5G26650	nd	nd
1 mM SA	CHH	5	9347062	9347110	4	-0.203	0.068	3.2E-03	AT5G26640	nd	nd
1 mM SA	CHH	5	9380690	9380767	6	0.184	0.111	5.7E-03	AT5G26600	-1.0	1.9E-02
1 mM SA	CHH	5	9402891	9402928	4	0.292	0.092	4.9E-03	AT5G26751	-0.6	2.2E-01
1 mM SA	CHH	5	9412271	9412275	4	-0.293	0.133	5.1E-03	AT5G26770	-1.1	8.6E-03
1 mM SA	CHH	5	9415369	9415378	4	-0.264	0.048	7.1E-03	AT5G26780	1.1	2.5E-03
1 mM SA	CHH	5	9415815	9415842	6	-0.207	0.079	2.6E-03	AT5G26780	1.1	2.5E-03
1 mM SA	CHH	5	9428784	9428825	12	-0.202	0.105	2.9E-04	AT5G26805	nd	nd
1 mM SA	CHH	5	9546226	9546304	4	0.276	0.096	9.2E-03	AT5G27130	-Inf	1.0E+00
1 mM SA	CHH	5	9552702	9552720	6	-0.196	0.124	1.8E-03	AT5G27150	-0.2	6.0E-01
1 mM SA	CHH	5	9563772	9563787	4	-0.361	0.043	3.1E-03	AT5G27170	nd	nd
1 mM SA	CHH	5	9565022	9565043	4	-0.184	0.111	2.1E-03	AT5G27170	nd	nd
1 mM SA	CHH	5	9567561	9567581	6	-0.213	0.080	1.9E-04	AT5G27170	nd	nd
1 mM SA	CHH	5	9570302	9570354	6	-0.151	0.076	1.9E-03	AT5G27200	nd	nd
1 mM SA	CHH	5	9574794	9574806	6	-0.155	0.107	8.0E-03	AT5G27210	0.9	4.4E-02
1 mM SA	CHH	5	9583647	9583657	4	-0.190	0.072	8.3E-03	AT5G27230	1.6	1.4E-02
1 mM SA	CHH	5	9645585	9645593	4	0.460	0.171	3.6E-04	AT5G27350	-1.7	1.5E-04
1 mM SA	CHH	5	9708828	9708867	6	-0.213	0.131	7.8E-03	AT5G27495	nd	nd
1 mM SA	CHH	5	9747619	9747649	12	0.174	0.127	4.8E-04	AT5G27606	nd	nd
1 mM SA	CHH	5	9761209	9761275	4	-0.249	0.077	6.0E-03	AT5G27610	-1.3	1.3E-02
1 mM SA	CHH	5	9827644	9827659	4	-0.282	0.056	1.6E-03	AT5G27750	0.0	1.0E+00
1 mM SA	CHH	5	9843368	9843389	4	-0.275	0.096	7.7E-03	AT5G27800	nd	nd
1 mM SA	CHH	5	9847138	9847149	6	-0.184	0.133	5.9E-04	AT5G27800	nd	nd
1 mM SA	CHH	5	9847232	9847279	16	-0.188	0.094	1.1E-04	AT5G27800	nd	nd
1 mM SA	CHH	5	9847306	9847353	14	-0.172	0.091	2.7E-03	AT5G27800	nd	nd
1 mM SA	CHH	5	9876694	9876702	4	-0.234	0.091	2.8E-03	AT5G27860	-0.9	5.4E-02
1 mM SA	CHH	5	9877673	9877679	4	-0.209	0.075	1.3E-03	AT5G27860	-0.9	5.4E-02
1 mM SA	CHH	5	9890180	9890204	4	-0.272	0.084	4.0E-03	AT5G27880	nd	nd
1 mM SA	CHH	5	9978613	9978654	4	-0.188	0.073	8.0E-03	AT5G27944	nd	nd
1 mM SA	CHH	5	9978714	9978740	6	-0.155	0.139	8.7E-03	AT5G27944	nd	nd
1 mM SA	CHH	5	9997277	9997296	4	-0.198	0.141	8.4E-03	AT5G27967	nd	nd
1 mM SA	CHH	5	10025838	10025853	6	-0.319	0.063	8.0E-04	AT5G28010	-1.3	2.0E-01
1 mM SA	CHH	5	10042229	10042307	6	-0.214	0.059	5.5E-03	AT5G28040	-0.6	2.2E-01
1 mM SA	CHH	5	10053658	10053684	4	-0.252	0.102	9.0E-03	AT5G28052	-Inf	1.0E+00
1 mM SA	CHH	5	10054007	10054020	4	-0.236	0.072	7.6E-03	AT5G28052	-Inf	1.0E+00
1 mM SA	CHH	5	10078599	10078647	6	0.154	0.156	5.5E-03	AT5G28070	nd	nd
1 mM SA	CHH	5	10169755	10169794	4	0.234	0.110	5.8E-03	AT5G28190	nd	nd
1 mM SA	CHH	5	10197414	10197463	6	-0.293	0.159	2.0E-03	AT5G28220	-0.5	3.8E-01
1 mM SA	CHH	5	10205679	10205717	4	0.411	0.022	9.6E-04	AT5G28235	-Inf	1.0E+00
1 mM SA	CHH	5	10291734	10291751	8	0.155	0.145	8.2E-03	AT5G28300	-0.5	3.1E-01
1 mM SA	CHH	5	10367238	10367259	4	-0.219	0.115	4.9E-03	AT5G28440	-0.3	9.2E-01
1 mM SA	CHH	5	10372716	10372722	4	0.603	0.102	2.2E-05	AT5G28450	3.2	1.1E-05
1 mM SA	CHH	5	10382289	10382329	6	-0.116	0.117	8.2E-03	AT5G28463	nd	nd
1 mM SA	CHH	5	10394286	10394415	6	-0.178	0.117	4.1E-03	AT5G28465	nd	nd

1 mM SA	CHH	5	10473291	10473306	4	-0.286	0.118	2.8E-03	AT5G28500	1.5	1.3E-05
1 mM SA	CHH	5	10475334	10475376	4	0.267	0.120	7.4E-04	AT5G28500	1.5	1.3E-05
1 mM SA	CHH	5	10522855	10522879	4	-0.219	0.087	3.2E-03	AT5G28530	0.4	4.3E-01
1 mM SA	CHH	5	10544165	10544169	4	0.126	0.138	7.8E-03	AT5G28540	0.3	8.2E-01
1 mM SA	CHH	5	10546680	10546684	4	-0.270	0.032	9.7E-04	AT5G28540	0.3	8.2E-01
1 mM SA	CHH	5	10555905	10555921	8	0.209	0.074	8.1E-04	AT5G28550	nd	nd
1 mM SA	CHH	5	10566679	10566837	6	-0.108	0.113	5.2E-03	AT5G28560	nd	nd
1 mM SA	CHH	5	10586282	10586288	4	0.267	0.112	3.1E-03	AT5G28590	nd	nd
1 mM SA	CHH	5	10609393	10609412	4	0.301	0.105	1.0E-03	AT5G28610	4.6	4.6E-19
1 mM SA	CHH	5	10636927	10636932	4	0.671	0.059	1.9E-04	AT5G28630	3.9	1.4E-40
1 mM SA	CHH	5	10636933	10636948	4	0.535	0.068	2.4E-03	AT5G28630	3.9	1.4E-40
1 mM SA	CHH	5	10636950	10637004	30	0.606	0.061	3.8E-03	AT5G28630	3.9	1.4E-40
1 mM SA	CHH	5	10681309	10681315	4	-0.247	0.087	4.2E-03	AT5G28660	1.3	1.0E+00
1 mM SA	CHH	5	10793548	10793656	6	-0.165	0.097	7.6E-03	AT5G28770	0.7	4.0E-02
1 mM SA	CHH	5	10795948	10795969	8	-0.239	0.070	1.8E-04	AT5G28770	0.7	4.0E-02
1 mM SA	CHH	5	10800985	10800995	4	-0.304	0.051	3.9E-04	AT5G28770	0.7	4.0E-02
1 mM SA	CHH	5	10824851	10824951	6	-0.225	0.157	2.2E-03	AT5G28810	nd	nd
1 mM SA	CHH	5	10832896	10833020	6	-0.146	0.104	9.5E-03	AT5G28821	nd	nd
1 mM SA	CHH	5	10844452	10844505	4	-0.221	0.238	9.2E-03	AT5G28823	nd	nd
1 mM SA	CHH	5	10867861	10867867	4	0.321	0.101	2.6E-03	AT5G28840	-1.0	3.9E-02
1 mM SA	CHH	5	10893235	10893276	4	0.260	0.096	8.5E-04	AT5G28885	nd	nd
1 mM SA	CHH	5	10959064	10959197	12	-0.121	0.095	1.0E-03	AT5G28931	nd	nd
1 mM SA	CHH	5	11025370	11025396	4	0.354	0.202	7.3E-03	AT5G29000	-1.3	2.8E-03
1 mM SA	CHH	5	11104711	11104761	6	0.234	0.148	4.6E-03	AT5G29044	nd	nd
1 mM SA	CHH	5	11107131	11107262	10	-0.122	0.117	3.3E-03	AT5G29044	nd	nd
1 mM SA	CHH	5	11150545	11150586	6	-0.251	0.108	2.6E-03	AT5G29210	nd	nd
1 mM SA	CHH	5	11276286	11276307	4	-0.224	0.050	4.3E-04	AT5G29613	nd	nd
1 mM SA	CHH	5	11303967	11303988	4	-0.226	0.071	1.8E-03	AT5G29807	nd	nd
1 mM SA	CHH	5	11305942	11305999	16	0.118	0.089	2.6E-04	AT5G29807	nd	nd
1 mM SA	CHH	5	11361886	11361950	6	-0.135	0.096	2.3E-03	AT5G30341	nd	nd
1 mM SA	CHH	5	11379420	11379525	18	0.171	0.129	4.4E-03	AT5G30495	0.9	4.2E-02
1 mM SA	CHH	5	11379604	11379618	4	0.342	0.060	9.8E-05	AT5G30495	0.9	4.2E-02
1 mM SA	CHH	5	11384773	11384780	4	-0.286	0.075	6.0E-03	AT5G30495	0.9	4.2E-02
1 mM SA	CHH	5	11543614	11543740	6	-0.111	0.103	5.4E-04	AT5G31412	nd	nd
1 mM SA	CHH	5	11610287	11610402	12	-0.103	0.087	8.8E-03	AT5G30490	-0.2	7.2E-01
1 mM SA	CHH	5	11611422	11611435	4	0.389	0.065	1.2E-04	AT5G30490	-0.2	7.2E-01
1 mM SA	CHH	5	11634922	11634951	4	0.277	0.038	7.7E-03	AT5G30520	nd	nd
1 mM SA	CHH	5	11639337	11639350	4	0.210	0.059	3.5E-03	AT5G30520	nd	nd
1 mM SA	CHH	5	11640202	11640214	4	0.272	0.031	2.7E-03	AT5G30520	nd	nd
1 mM SA	CHH	5	11640636	11640651	6	-0.237	0.119	4.1E-03	AT5G30520	nd	nd
1 mM SA	CHH	5	12074207	12074220	4	-0.195	0.134	7.8E-03	AT5G32440	-0.9	4.1E-02
1 mM SA	CHH	5	12091629	12091660	6	-0.217	0.160	1.7E-03	AT5G32470	0.7	6.4E-02
1 mM SA	CHH	5	12224553	12224590	6	-0.235	0.157	6.9E-03	AT5G32590	nd	nd
1 mM SA	CHH	5	12232375	12232430	4	0.196	0.091	9.9E-04	AT5G32597	nd	nd
1 mM SA	CHH	5	12266785	12266837	6	-0.177	0.101	5.3E-03	AT5G32613	nd	nd
1 mM SA	CHH	5	12266855	12266877	4	-0.196	0.124	1.0E-02	AT5G32613	nd	nd
1 mM SA	CHH	5	12281561	12281672	12	-0.116	0.085	2.2E-03	AT5G32619	nd	nd
1 mM SA	CHH	5	12466736	12466812	6	0.321	0.082	1.7E-03	AT5G33210	nd	nd
1 mM SA	CHH	5	12467013	12467044	4	-0.178	0.087	8.2E-03	AT5G33210	nd	nd

1 mM SA	CHH	5	12546564	12546595	4	-0.217	0.052	6.8E-03	AT5G33280	0.1	7.3E-01
1 mM SA	CHH	5	12566169	12566199	12	-0.217	0.101	5.8E-03	AT5G33300	1.6	8.1E-02
1 mM SA	CHH	5	12569154	12569195	18	-0.209	0.139	1.2E-03	AT5G33300	1.6	8.1E-02
1 mM SA	CHH	5	12655383	12655404	4	0.272	0.131	3.9E-03	AT5G33393	nd	nd
1 mM SA	CHH	5	12922705	12922775	10	-0.127	0.092	3.2E-03	AT5G34581	nd	nd
1 mM SA	CHH	5	13096281	13096290	6	0.247	0.061	1.0E-03	AT5G34828	nd	nd
1 mM SA	CHH	5	13096731	13096744	4	0.394	0.085	5.6E-04	AT5G34828	nd	nd
1 mM SA	CHH	5	13097145	13097178	6	-0.132	0.112	8.8E-03	AT5G34828	nd	nd
1 mM SA	CHH	5	13097871	13097880	4	-0.289	0.085	5.0E-03	AT5G34828	nd	nd
1 mM SA	CHH	5	13220251	13220268	4	0.292	0.088	9.7E-04	AT5G34905	nd	nd
1 mM SA	CHH	5	13333866	13333893	4	0.374	0.172	1.6E-03	AT5G35066	nd	nd
1 mM SA	CHH	5	13357470	13357505	14	-0.133	0.129	7.6E-03	AT5G35080	-0.1	9.9E-01
1 mM SA	CHH	5	13362152	13362170	4	0.303	0.171	9.5E-03	AT5G35100	1.0	1.9E-03
1 mM SA	CHH	5	13410122	13410166	6	0.287	0.039	6.2E-03	AT5G35160	0.7	8.3E-02
1 mM SA	CHH	5	13461969	13461997	4	0.413	0.126	3.0E-04	AT5G35200	-1.1	1.4E-02
1 mM SA	CHH	5	13466583	13466588	4	-0.241	0.061	2.2E-03	AT5G35200	-1.1	1.4E-02
1 mM SA	CHH	5	13527165	13527178	4	-0.212	0.113	3.9E-03	AT5G35330	-0.7	1.7E-01
1 mM SA	CHH	5	13579469	13579484	4	0.199	0.063	2.1E-03	AT5G35360	2.3	1.6E-21
1 mM SA	CHH	5	13583655	13583670	4	0.286	0.111	5.7E-03	AT5G35360	2.3	1.6E-21
1 mM SA	CHH	5	13602607	13602628	4	0.242	0.176	8.6E-03	AT5G35400	0.3	6.7E-01
1 mM SA	CHH	5	13606638	13606653	4	-0.404	0.128	9.8E-05	AT5G35405	nd	nd
1 mM SA	CHH	5	13633267	13633275	4	-0.333	0.082	6.7E-04	AT5G35410	-1.1	1.4E-02
1 mM SA	CHH	5	13657326	13657441	14	-0.132	0.128	5.6E-03	AT5G35430	-0.4	4.7E-01
1 mM SA	CHH	5	13759655	13759664	4	-0.209	0.086	5.5E-03	AT5G35580	-5.0	3.5E-10
1 mM SA	CHH	5	13774174	13774184	4	0.274	0.183	1.2E-03	AT5G35600	nd	nd
1 mM SA	CHH	5	13851716	13851741	10	-0.228	0.060	1.6E-03	AT5G35660	nd	nd
1 mM SA	CHH	5	13851768	13851776	4	-0.177	0.096	6.3E-03	AT5G35660	nd	nd
1 mM SA	CHH	5	13855273	13855281	4	-0.261	0.045	6.6E-04	AT5G35670	1.6	1.7E-03
1 mM SA	CHH	5	13885069	13885077	4	-0.206	0.100	7.5E-03	AT5G35715	nd	nd
1 mM SA	CHH	5	13905645	13905753	8	0.190	0.097	1.1E-03	AT5G35737	nd	nd
1 mM SA	CHH	5	13928152	13928180	4	0.281	0.171	9.4E-03	AT5G35753	-0.6	2.8E-01
1 mM SA	CHH	5	13928821	13928869	6	-0.188	0.084	9.2E-03	AT5G35753	-0.6	2.8E-01
1 mM SA	CHH	5	13995365	13995457	12	-0.184	0.136	9.6E-03	AT5G35810	Inf	5.3E-01
1 mM SA	CHH	5	14019061	14019079	4	0.295	0.067	3.6E-06	AT5G35870	nd	nd
1 mM SA	CHH	5	14054542	14054554	4	0.349	0.049	5.2E-03	AT5G35920	nd	nd
1 mM SA	CHH	5	14054710	14054714	4	-0.266	0.118	6.7E-03	AT5G35920	nd	nd
1 mM SA	CHH	5	14086759	14086792	4	-0.349	0.063	2.0E-03	AT5G35940	nd	nd
1 mM SA	CHH	5	14086981	14086999	4	-0.346	0.069	5.3E-03	AT5G35940	nd	nd
1 mM SA	CHH	5	14088192	14088225	6	-0.248	0.152	5.0E-03	AT5G35940	nd	nd
1 mM SA	CHH	5	14107738	14107770	8	0.211	0.092	8.5E-03	AT5G35960	2.9	3.0E-01
1 mM SA	CHH	5	14107856	14107872	4	-0.221	0.074	8.9E-03	AT5G35960	2.9	3.0E-01
1 mM SA	CHH	5	14144985	14144997	4	-0.291	0.072	7.9E-03	AT5G36001	nd	nd
1 mM SA	CHH	5	14181858	14181930	6	-0.313	0.148	9.2E-03	AT5G36080	nd	nd
1 mM SA	CHH	5	14182637	14182643	4	0.352	0.092	3.2E-03	AT5G36080	nd	nd
1 mM SA	CHH	5	14182645	14182734	4	0.128	0.138	8.1E-03	AT5G36080	nd	nd
1 mM SA	CHH	5	14182875	14182919	6	-0.160	0.077	4.3E-03	AT5G36080	nd	nd
1 mM SA	CHH	5	14184947	14184959	4	-0.231	0.120	9.8E-03	AT5G36080	nd	nd
1 mM SA	CHH	5	14206425	14206459	4	-0.210	0.071	4.7E-03	AT5G36130	nd	nd
1 mM SA	CHH	5	14216283	14216289	4	0.390	0.046	1.8E-03	AT5G36140	nd	nd

1 mM SA	CHH	5	14232008	14232059	10	-0.130	0.085	5.5E-03	AT5G36160	-0.4	2.8E-01
1 mM SA	CHH	5	14242265	14242279	6	-0.219	0.079	3.8E-03	AT5G36190	nd	nd
1 mM SA	CHH	5	14242283	14242316	10	-0.205	0.131	5.6E-04	AT5G36190	nd	nd
1 mM SA	CHH	5	14258548	14258579	4	-0.239	0.067	4.4E-03	AT5G36220	-2.1	3.3E-06
1 mM SA	CHH	5	14295165	14295171	4	-0.216	0.117	8.8E-03	AT5G36280	Inf	1.3E-01
1 mM SA	CHH	5	14295453	14295464	4	-0.155	0.094	3.5E-03	AT5G36280	Inf	1.3E-01
1 mM SA	CHH	5	14299104	14299137	6	0.209	0.131	1.9E-04	AT5G36280	Inf	1.3E-01
1 mM SA	CHH	5	14381396	14381409	4	-0.288	0.112	9.2E-03	AT5G36657	nd	nd
1 mM SA	CHH	5	14515369	14515385	4	-0.247	0.211	9.3E-03	AT5G36870	nd	nd
1 mM SA	CHH	5	14517611	14517624	4	0.282	0.143	6.4E-03	AT5G36870	nd	nd
1 mM SA	CHH	5	14522248	14522280	4	-0.262	0.029	3.4E-03	AT5G36870	nd	nd
1 mM SA	CHH	5	14590078	14590083	4	-0.247	0.075	5.4E-04	AT5G36940	0.9	7.0E-03
1 mM SA	CHH	5	14603249	14603257	4	0.246	0.068	5.8E-03	AT5G36970	-2.9	6.9E-03
1 mM SA	CHH	5	14610476	14610491	4	-0.185	0.110	6.3E-03	AT5G36980	nd	nd
1 mM SA	CHH	5	14611779	14611790	4	-0.223	0.100	2.9E-04	AT5G36980	nd	nd
1 mM SA	CHH	5	14611796	14611835	6	-0.165	0.102	7.8E-03	AT5G36980	nd	nd
1 mM SA	CHH	5	14625709	14625719	4	-0.332	0.034	6.2E-04	AT5G37010	1.5	6.6E-02
1 mM SA	CHH	5	14627085	14627095	4	-0.223	0.097	5.4E-03	AT5G37020	0.0	9.5E-01
1 mM SA	CHH	5	14627131	14627189	4	0.249	0.066	2.2E-03	AT5G37020	0.0	9.5E-01
1 mM SA	CHH	5	14646773	14646803	8	0.210	0.085	9.3E-03	AT5G37060	nd	nd
1 mM SA	CHH	5	14688051	14688096	4	-0.292	0.188	7.2E-03	AT5G37140	nd	nd
1 mM SA	CHH	5	14693461	14693473	4	-0.247	0.073	1.1E-03	AT5G37140	nd	nd
1 mM SA	CHH	5	14694056	14694074	6	0.139	0.081	7.9E-03	AT5G37140	nd	nd
1 mM SA	CHH	5	14732205	14732220	6	-0.219	0.073	4.1E-03	AT5G37211	nd	nd
1 mM SA	CHH	5	14749042	14749096	6	-0.249	0.130	2.9E-05	AT5G37250	-Inf	1.0E+00
1 mM SA	CHH	5	14759904	14759922	8	-0.211	0.086	4.0E-03	AT5G37270	nd	nd
1 mM SA	CHH	5	14760160	14760175	4	0.249	0.099	1.5E-03	AT5G37270	nd	nd
1 mM SA	CHH	5	14830336	14830468	8	-0.294	0.132	2.0E-03	AT5G37400	0.4	6.2E-01
1 mM SA	CHH	5	14833869	14833908	8	-0.175	0.139	9.4E-03	AT5G37400	0.4	6.2E-01
1 mM SA	CHH	5	14834217	14834247	10	-0.201	0.099	2.4E-03	AT5G37400	0.4	6.2E-01
1 mM SA	CHH	5	14850405	14850485	10	-0.173	0.118	5.9E-04	AT5G37440	0.9	1.0E-01
1 mM SA	CHH	5	14850508	14850518	4	-0.250	0.153	2.3E-03	AT5G37440	0.9	1.0E-01
1 mM SA	CHH	5	14864857	14864881	6	-0.275	0.128	3.8E-03	AT5G37470	nd	nd
1 mM SA	CHH	5	14926466	14926480	4	-0.296	0.082	1.2E-03	AT5G37570	-0.3	8.3E-01
1 mM SA	CHH	5	14926614	14926625	6	-0.122	0.100	9.4E-03	AT5G37570	-0.3	8.3E-01
1 mM SA	CHH	5	14945693	14945710	4	0.294	0.167	1.3E-03	AT5G37620	nd	nd
1 mM SA	CHH	5	14956210	14956227	6	0.201	0.091	1.5E-03	AT5G37650	nd	nd
1 mM SA	CHH	5	14971685	14971709	8	-0.260	0.115	2.3E-03	AT5G37680	0.6	2.2E-01
1 mM SA	CHH	5	14971924	14971935	4	-0.256	0.050	6.8E-03	AT5G37680	0.6	2.2E-01
1 mM SA	CHH	5	15035191	15035211	4	0.258	0.228	4.0E-03	AT5G37800	nd	nd
1 mM SA	CHH	5	15048302	15048310	4	0.291	0.045	3.3E-05	AT5G37820	nd	nd
1 mM SA	CHH	5	15061380	15061418	10	-0.194	0.128	6.9E-03	AT5G37830	-0.2	6.6E-01
1 mM SA	CHH	5	15119416	15119447	10	-0.144	0.084	6.1E-03	AT5G37960	nd	nd
1 mM SA	CHH	5	15129596	15129601	4	0.374	0.189	2.4E-03	AT5G37980	Inf	2.7E-01
1 mM SA	CHH	5	15160683	15160693	4	-0.228	0.098	3.3E-03	AT5G38010	2.6	1.8E-03
1 mM SA	CHH	5	15183272	15183277	4	-0.243	0.045	6.6E-04	AT5G38040	0.1	7.2E-01
1 mM SA	CHH	5	15183284	15183295	4	-0.201	0.083	4.9E-03	AT5G38040	0.1	7.2E-01
1 mM SA	CHH	5	15183727	15183895	8	-0.117	0.110	3.0E-03	AT5G38040	0.1	7.2E-01
1 mM SA	CHH	5	15203574	15203580	4	-0.340	0.121	4.1E-03	AT5G38100	Inf	1.4E-04

1 mM SA	CHH	5	15203733	15203741	6	-0.293	0.035	9.8E-04	AT5G38100	Inf	1.4E-04
1 mM SA	CHH	5	15206119	15206150	6	0.281	0.070	3.3E-03	AT5G38110	1.4	5.7E-03
1 mM SA	CHH	5	15206676	15206693	4	0.363	0.100	2.5E-03	AT5G38110	1.4	5.7E-03
1 mM SA	CHH	5	15234521	15234577	4	-0.244	0.072	7.9E-03	AT5G38190	nd	nd
1 mM SA	CHH	5	15236589	15236612	4	-0.218	0.082	2.6E-03	AT5G38190	nd	nd
1 mM SA	CHH	5	15237468	15237473	4	-0.297	0.100	1.5E-03	AT5G38190	nd	nd
1 mM SA	CHH	5	15259334	15259362	8	-0.226	0.140	1.9E-03	AT5G38210	-0.8	1.0E-01
1 mM SA	CHH	5	15287435	15287454	6	0.202	0.110	5.5E-03	AT5G38270	nd	nd
1 mM SA	CHH	5	15334245	15334263	4	-0.253	0.062	1.9E-04	AT5G38360	1.0	9.6E-03
1 mM SA	CHH	5	15335066	15335120	12	-0.166	0.106	7.7E-03	AT5G38360	1.0	9.6E-03
1 mM SA	CHH	5	15338376	15338407	6	-0.140	0.099	6.6E-03	AT5G38370	nd	nd
1 mM SA	CHH	5	15339033	15339042	4	-0.196	0.136	4.5E-03	AT5G38370	nd	nd
1 mM SA	CHH	5	15344542	15344551	4	0.219	0.050	2.9E-04	AT5G38378	nd	nd
1 mM SA	CHH	5	15386001	15386016	6	-0.163	0.104	3.3E-03	AT5G38430	0.8	8.6E-02
1 mM SA	CHH	5	15387808	15387840	6	0.334	0.064	4.6E-03	AT5G38435	nd	nd
1 mM SA	CHH	5	15396064	15396068	4	0.465	0.085	2.3E-05	AT5G38450	nd	nd
1 mM SA	CHH	5	15408212	15408240	6	-0.244	0.092	3.7E-04	AT5G38480	0.8	6.3E-02
1 mM SA	CHH	5	15432600	15432617	4	-0.256	0.037	7.6E-05	AT5G38550	nd	nd
1 mM SA	CHH	5	15437272	15437302	10	0.169	0.086	8.9E-04	AT5G38550	nd	nd
1 mM SA	CHH	5	15492592	15492647	10	-0.236	0.180	4.5E-03	AT5G38700	4.4	3.9E-05
1 mM SA	CHH	5	15494156	15494164	4	-0.246	0.093	8.0E-03	AT5G38700	4.4	3.9E-05
1 mM SA	CHH	5	15494168	15494197	10	-0.228	0.104	9.8E-03	AT5G38700	4.4	3.9E-05
1 mM SA	CHH	5	15496888	15496978	6	-0.283	0.147	1.6E-03	AT5G38710	-2.4	5.4E-08
1 mM SA	CHH	5	15535316	15535405	10	-0.198	0.139	3.5E-04	AT5G38790	nd	nd
1 mM SA	CHH	5	15576809	15576824	4	0.402	0.098	5.5E-03	AT5G38900	-4.9	2.1E-24
1 mM SA	CHH	5	15580824	15580835	4	-0.201	0.115	5.8E-03	AT5G38920	nd	nd
1 mM SA	CHH	5	15583697	15583778	16	0.126	0.108	2.3E-03	AT5G38920	nd	nd
1 mM SA	CHH	5	15604667	15604680	4	-0.376	0.123	6.5E-05	AT5G38980	-1.0	1.2E-02
1 mM SA	CHH	5	15639552	15639556	4	-0.294	0.016	2.7E-03	AT5G39080	0.0	9.6E-01
1 mM SA	CHH	5	15639564	15639569	4	-0.316	0.042	9.4E-04	AT5G39080	0.0	9.6E-01
1 mM SA	CHH	5	15640479	15640506	4	-0.416	0.205	3.6E-03	AT5G39080	0.0	9.6E-01
1 mM SA	CHH	5	15640614	15640639	10	-0.206	0.142	3.2E-03	AT5G39080	0.0	9.6E-01
1 mM SA	CHH	5	15643206	15643226	6	-0.284	0.126	4.2E-04	AT5G39090	-3.5	9.2E-09
1 mM SA	CHH	5	15699278	15699289	4	-0.272	0.045	1.8E-03	AT5G39210	1.2	1.2E-03
1 mM SA	CHH	5	15699441	15699464	4	-0.233	0.042	1.6E-03	AT5G39210	1.2	1.2E-03
1 mM SA	CHH	5	15711150	15711160	4	-0.352	0.032	2.9E-04	AT5G39230	Inf	5.3E-01
1 mM SA	CHH	5	15716401	15716410	4	-0.302	0.124	9.5E-03	AT5G39240	Inf	6.4E-04
1 mM SA	CHH	5	15716840	15716878	10	-0.195	0.092	4.7E-03	AT5G39240	Inf	6.4E-04
1 mM SA	CHH	5	15717343	15717450	12	0.205	0.103	4.8E-03	AT5G39240	Inf	6.4E-04
1 mM SA	CHH	5	15728407	15728421	4	-0.226	0.099	2.0E-03	AT5G39260	nd	nd
1 mM SA	CHH	5	15742223	15742238	6	-0.174	0.127	6.4E-03	AT5G39320	3.9	1.9E-28
1 mM SA	CHH	5	15779528	15779539	4	-0.318	0.070	6.3E-03	AT5G39430	nd	nd
1 mM SA	CHH	5	15791361	15791377	6	0.233	0.129	2.6E-03	AT5G39460	nd	nd
1 mM SA	CHH	5	15812548	15812557	4	0.339	0.186	1.6E-03	AT5G39493	nd	nd
1 mM SA	CHH	5	15913162	15913171	4	-0.208	0.080	2.8E-03	AT5G39760	0.3	5.2E-01
1 mM SA	CHH	5	15924887	15924928	8	-0.169	0.066	6.3E-03	AT5G39770	nd	nd
1 mM SA	CHH	5	15925685	15925738	8	-0.190	0.108	1.2E-03	AT5G39770	nd	nd
1 mM SA	CHH	5	15949466	15949475	4	0.265	0.030	8.0E-04	AT5G39850	0.2	6.5E-01
1 mM SA	CHH	5	15992999	15993021	4	0.210	0.186	2.1E-03	AT5G39950	-1.3	4.1E-03

1 mM SA	CHH	5	16020306	16020328	6	0.258	0.073	8.6E-06	AT5G40010	-4.3	7.3E-19
1 mM SA	CHH	5	16051270	16051277	4	-0.275	0.062	1.3E-03	AT5G40120	nd	nd
1 mM SA	CHH	5	16110007	16110023	4	-0.191	0.109	4.4E-03	AT5G40300	-0.7	2.1E-01
1 mM SA	CHH	5	16120282	16120288	4	-0.310	0.068	3.9E-04	AT5G40320	nd	nd
1 mM SA	CHH	5	16134346	16134382	14	0.729	0.110	3.0E-08	AT5G40340	-0.3	5.3E-01
1 mM SA	CHH	5	16178110	16178116	4	-0.218	0.077	3.2E-03	AT5G40430	-Inf	6.6E-01
1 mM SA	CHH	5	16204404	16204418	4	-0.205	0.127	1.5E-03	AT5G40460	0.8	1.2E-01
1 mM SA	CHH	5	16211586	16211622	10	-0.169	0.109	5.7E-03	AT5G40480	1.6	6.3E-06
1 mM SA	CHH	5	16258059	16258068	4	-0.314	0.030	2.2E-04	AT5G40600	1.3	4.8E-03
1 mM SA	CHH	5	16261325	16261426	22	-0.144	0.093	2.0E-03	AT5G40600	1.3	4.8E-03
1 mM SA	CHH	5	16262923	16262933	4	-0.436	0.090	1.2E-03	AT5G40610	2.3	6.2E-17
1 mM SA	CHH	5	16353967	16353978	4	-0.430	0.082	1.8E-05	AT5G40820	1.3	4.6E-02
1 mM SA	CHH	5	16357429	16357438	4	-0.454	0.084	1.2E-03	AT5G40830	2.4	2.5E-13
1 mM SA	CHH	5	16365117	16365174	16	-0.204	0.133	5.7E-03	AT5G40847	nd	nd
1 mM SA	CHH	5	16560747	16560761	4	0.309	0.100	5.4E-04	AT5G41380	Inf	7.1E-02
1 mM SA	CHH	5	16560780	16560795	4	0.369	0.155	1.2E-03	AT5G41380	Inf	7.1E-02
1 mM SA	CHH	5	16607755	16607780	8	-0.164	0.087	7.0E-03	AT5G41510	nd	nd
1 mM SA	CHH	5	16611451	16611471	4	0.462	0.092	2.6E-04	AT5G41530	-Inf	1.0E+00
1 mM SA	CHH	5	16642352	16642372	6	0.228	0.086	1.9E-03	AT5G41610	-2.6	5.4E-03
1 mM SA	CHH	5	16826356	16826389	10	-0.160	0.116	9.0E-03	AT5G42090	-0.8	7.3E-02
1 mM SA	CHH	5	16922323	16922326	4	0.198	0.075	7.8E-03	AT5G42320	0.1	7.5E-01
1 mM SA	CHH	5	17018099	17018106	4	-0.320	0.104	9.4E-04	AT5G42567	nd	nd
1 mM SA	CHH	5	17030233	17030308	8	0.291	0.076	5.4E-03	AT5G42590	nd	nd
1 mM SA	CHH	5	17058993	17058999	4	-0.270	0.110	2.6E-03	AT5G42610	2.0	1.8E-01
1 mM SA	CHH	5	17059014	17059026	4	-0.220	0.144	2.2E-03	AT5G42610	2.0	1.8E-01
1 mM SA	CHH	5	17076144	17076154	4	-0.293	0.098	3.8E-03	AT5G42635	nd	nd
1 mM SA	CHH	5	17086825	17086835	4	0.324	0.059	6.6E-04	AT5G42640	nd	nd
1 mM SA	CHH	5	17107667	17107691	6	0.142	0.156	9.7E-03	AT5G42670	1.0	6.6E-03
1 mM SA	CHH	5	17190957	17191034	18	-0.228	0.132	3.7E-03	AT5G42880	1.8	2.5E-03
1 mM SA	CHH	5	17210601	17210613	4	-0.300	0.085	9.7E-04	AT5G42930	-Inf	1.0E-02
1 mM SA	CHH	5	17223215	17223251	10	0.240	0.098	8.3E-04	AT5G42950	-0.7	9.1E-02
1 mM SA	CHH	5	17231920	17231938	8	-0.191	0.094	6.2E-03	AT5G42955	nd	nd
1 mM SA	CHH	5	17232020	17232069	18	-0.153	0.096	4.8E-04	AT5G42955	nd	nd
1 mM SA	CHH	5	17253732	17253871	6	-0.294	0.155	1.6E-04	AT5G43010	-0.2	7.2E-01
1 mM SA	CHH	5	17267369	17267386	4	-0.251	0.133	1.2E-03	AT5G43050	0.9	5.7E-02
1 mM SA	CHH	5	17267388	17267420	8	-0.207	0.111	1.2E-03	AT5G43050	0.9	5.7E-02
1 mM SA	CHH	5	17267602	17267606	4	-0.191	0.087	2.1E-03	AT5G43050	0.9	5.7E-02
1 mM SA	CHH	5	17327174	17327237	14	-0.272	0.084	9.8E-04	AT5G43160	0.9	6.0E-02
1 mM SA	CHH	5	17347217	17347255	10	-0.169	0.077	2.6E-03	AT5G43210	0.6	2.2E-01
1 mM SA	CHH	5	17347316	17347326	6	-0.245	0.079	3.9E-03	AT5G43210	0.6	2.2E-01
1 mM SA	CHH	5	17406384	17406391	4	-0.260	0.091	2.1E-03	AT5G43360	nd	nd
1 mM SA	CHH	5	17432648	17432676	8	-0.223	0.147	2.1E-03	AT5G43410	-Inf	1.0E+00
1 mM SA	CHH	5	17433114	17433133	6	-0.318	0.126	8.1E-04	AT5G43410	-Inf	1.0E+00
1 mM SA	CHH	5	17433149	17433161	4	-0.280	0.083	2.3E-04	AT5G43410	-Inf	1.0E+00
1 mM SA	CHH	5	17436656	17436678	4	-0.149	0.105	8.1E-03	AT5G43410	-Inf	1.0E+00
1 mM SA	CHH	5	17438436	17438443	4	-0.264	0.096	4.7E-03	AT5G43410	-Inf	1.0E+00
1 mM SA	CHH	5	17476310	17476329	8	-0.261	0.101	1.8E-03	AT5G43513	nd	nd
1 mM SA	CHH	5	17478282	17478298	4	-0.268	0.040	5.5E-04	AT5G43513	nd	nd
1 mM SA	CHH	5	17479871	17479882	4	0.219	0.103	4.9E-03	AT5G43513	nd	nd

1 mM SA	CHH	5	17520876	17520884	4	-0.228	0.088	2.3E-03	AT5G43610	nd	nd
1 mM SA	CHH	5	17579549	17579555	4	-0.306	0.100	5.7E-03	AT5G43750	2.4	5.7E-29
1 mM SA	CHH	5	17644552	17644568	4	-0.278	0.076	8.5E-05	AT5G43880	1.6	2.0E-06
1 mM SA	CHH	5	17652728	17652736	4	0.207	0.167	4.6E-03	AT5G43890	5.5	8.1E-07
1 mM SA	CHH	5	17742345	17742353	4	0.234	0.112	2.2E-03	AT5G44080	-0.7	1.4E-01
1 mM SA	CHH	5	17826672	17826689	4	-0.208	0.071	4.8E-04	AT5G44250	-0.4	5.3E-01
1 mM SA	CHH	5	17833571	17833576	4	-0.376	0.040	3.3E-05	AT5G44270	-Inf	1.0E+00
1 mM SA	CHH	5	17833582	17833591	4	-0.307	0.028	4.3E-06	AT5G44270	-Inf	1.0E+00
1 mM SA	CHH	5	17833596	17833599	4	-0.403	0.055	2.6E-06	AT5G44270	-Inf	1.0E+00
1 mM SA	CHH	5	17833660	17833738	28	-0.183	0.094	1.3E-03	AT5G44270	-Inf	1.0E+00
1 mM SA	CHH	5	17850443	17850458	4	-0.255	0.038	1.2E-03	AT5G44310	Inf	5.3E-01
1 mM SA	CHH	5	17850472	17850486	4	-0.286	0.071	1.5E-03	AT5G44310	Inf	5.3E-01
1 mM SA	CHH	5	17852607	17852672	18	-0.173	0.076	7.1E-03	AT5G44316	-2.1	6.1E-01
1 mM SA	CHH	5	17895966	17895988	4	-0.241	0.067	2.7E-03	AT5G44410	1.3	1.6E-03
1 mM SA	CHH	5	17896626	17896635	4	-0.436	0.112	6.7E-04	AT5G44410	1.3	1.6E-03
1 mM SA	CHH	5	18101877	18101882	4	0.280	0.032	1.5E-06	AT5G44830	nd	nd
1 mM SA	CHH	5	18106645	18106653	4	0.261	0.077	2.3E-03	AT5G44840	nd	nd
1 mM SA	CHH	5	18134582	18134598	8	-0.348	0.078	1.0E-04	AT5G44900	nd	nd
1 mM SA	CHH	5	18146157	18146169	4	-0.242	0.045	3.8E-03	AT5G44940	-Inf	1.0E+00
1 mM SA	CHH	5	18146778	18146815	12	-0.224	0.094	4.5E-03	AT5G44940	-Inf	1.0E+00
1 mM SA	CHH	5	18171526	18171632	8	-0.239	0.115	8.1E-03	AT5G45030	-0.3	5.3E-01
1 mM SA	CHH	5	18172002	18172040	4	-0.253	0.151	6.1E-04	AT5G45030	-0.3	5.3E-01
1 mM SA	CHH	5	18193846	18193918	8	-0.220	0.113	9.9E-04	AT5G45080	0.2	1.0E+00
1 mM SA	CHH	5	18239094	18239106	4	0.338	0.076	2.2E-04	AT5G45120	nd	nd
1 mM SA	CHH	5	18381242	18381254	4	-0.222	0.046	4.1E-03	AT5G45350	-0.5	3.1E-01
1 mM SA	CHH	5	18475730	18475748	4	-0.267	0.100	3.5E-03	AT5G45573	nd	nd
1 mM SA	CHH	5	18478669	18478702	6	-0.196	0.152	3.4E-03	AT5G45573	nd	nd
1 mM SA	CHH	5	18500012	18500047	8	-0.195	0.109	2.4E-03	AT5G45610	1.4	2.8E-04
1 mM SA	CHH	5	18500771	18500781	4	-0.259	0.086	3.5E-03	AT5G45620	0.2	6.4E-01
1 mM SA	CHH	5	18500784	18500827	8	-0.253	0.108	7.7E-03	AT5G45620	0.2	6.4E-01
1 mM SA	CHH	5	18512806	18512848	4	0.178	0.098	5.1E-03	AT5G45640	-Inf	1.0E+00
1 mM SA	CHH	5	18554972	18554979	4	-0.237	0.097	2.6E-03	AT5G45730	1.5	5.8E-02
1 mM SA	CHH	5	18555408	18555418	4	0.271	0.154	1.5E-03	AT5G45740	0.4	7.7E-01
1 mM SA	CHH	5	18570892	18570933	12	-0.129	0.095	2.5E-04	AT5G45780	0.2	7.2E-01
1 mM SA	CHH	5	18647769	18647806	8	0.349	0.100	6.0E-04	AT5G45973	nd	nd
1 mM SA	CHH	5	18667416	18667441	8	-0.226	0.120	2.7E-03	AT5G46025	nd	nd
1 mM SA	CHH	5	18669914	18669921	4	-0.210	0.079	4.6E-03	AT5G46030	-0.3	6.0E-01
1 mM SA	CHH	5	18717713	18717758	10	-0.260	0.142	1.2E-03	AT5G46170	-0.4	4.9E-01
1 mM SA	CHH	5	18737835	18737853	8	-0.164	0.132	5.1E-03	AT5G46220	4.0	1.7E-39
1 mM SA	CHH	5	18737893	18737916	4	-0.270	0.118	1.6E-03	AT5G46220	4.0	1.7E-39
1 mM SA	CHH	5	18902150	18902171	6	-0.210	0.080	1.9E-03	AT5G46580	2.4	2.0E-18
1 mM SA	CHH	5	18937091	18937182	4	-0.265	0.099	7.2E-03	AT5G46670	Inf	2.8E-01
1 mM SA	CHH	5	18938333	18938370	4	-0.248	0.078	1.9E-03	AT5G46670	Inf	2.8E-01
1 mM SA	CHH	5	18981468	18981482	4	-0.236	0.174	3.7E-03	AT5G46780	-1.2	1.3E-02
1 mM SA	CHH	5	19014943	19014988	8	-0.241	0.143	7.9E-03	AT5G46870	-0.5	3.4E-01
1 mM SA	CHH	5	19189329	19189424	30	-0.164	0.075	5.3E-03	AT5G47260	nd	nd
1 mM SA	CHH	5	19191406	19191436	4	-0.353	0.101	1.4E-03	AT5G47260	nd	nd
1 mM SA	CHH	5	19192997	19193042	6	-0.230	0.108	1.5E-03	AT5G47280	Inf	6.7E-02
1 mM SA	CHH	5	19195000	19195021	4	-0.246	0.075	1.8E-03	AT5G47280	Inf	6.7E-02

1 mM SA	CHH	5	19198210	19198231	8	-0.196	0.102	5.0E-03	AT5G47300	nd	nd
1 mM SA	CHH	5	19280461	19280495	8	-0.206	0.117	1.9E-03	AT5G47520	-0.2	7.8E-01
1 mM SA	CHH	5	19391431	19391437	4	-0.316	0.233	7.4E-03	AT5G47900	1.3	4.7E-04
1 mM SA	CHH	5	19391449	19391453	4	-0.337	0.009	6.0E-03	AT5G47900	1.3	4.7E-04
1 mM SA	CHH	5	19408505	19408519	6	0.225	0.133	7.8E-03	AT5G47930	0.2	6.5E-01
1 mM SA	CHH	5	19426386	19426418	10	-0.209	0.064	2.8E-03	AT5G47980	nd	nd
1 mM SA	CHH	5	19439076	19439142	14	-0.132	0.119	6.0E-03	AT5G47990	nd	nd
1 mM SA	CHH	5	19439222	19439252	8	-0.211	0.054	7.0E-03	AT5G47990	nd	nd
1 mM SA	CHH	5	19454151	19454163	4	-0.318	0.045	3.1E-03	AT5G48010	-Inf	1.0E+00
1 mM SA	CHH	5	19479690	19479706	4	0.282	0.090	3.6E-03	AT5G48070	nd	nd
1 mM SA	CHH	5	19495971	19495987	4	-0.313	0.063	2.2E-05	AT5G48100	nd	nd
1 mM SA	CHH	5	19526568	19526575	4	-0.316	0.076	1.0E-03	AT5G48150	0.1	6.5E-01
1 mM SA	CHH	5	19526579	19526595	6	-0.360	0.182	1.1E-03	AT5G48150	0.1	6.5E-01
1 mM SA	CHH	5	19526597	19526629	6	-0.242	0.103	2.8E-03	AT5G48150	0.1	6.5E-01
1 mM SA	CHH	5	19671394	19671412	4	0.402	0.114	4.7E-03	AT5G48540	-0.7	2.0E-01
1 mM SA	CHH	5	19726377	19726398	8	-0.183	0.089	3.7E-03	AT5G48650	nd	nd
1 mM SA	CHH	5	19809770	19809783	6	-0.218	0.053	4.4E-04	AT5G48850	2.5	5.6E-06
1 mM SA	CHH	5	19821340	19821383	14	-0.149	0.084	1.0E-02	AT5G48890	nd	nd
1 mM SA	CHH	5	19830130	19830212	8	-0.156	0.104	3.6E-03	AT5G48905	nd	nd
1 mM SA	CHH	5	19832598	19832612	4	-0.211	0.154	1.3E-03	AT5G48905	nd	nd
1 mM SA	CHH	5	19913289	19913301	4	0.352	0.102	5.1E-03	AT5G49130	nd	nd
1 mM SA	CHH	5	19931535	19931540	4	0.266	0.073	1.7E-03	AT5G49160	1.0	4.1E-02
1 mM SA	CHH	5	20089857	20089890	8	-0.300	0.120	1.3E-04	AT5G49520	-1.3	1.7E-02
1 mM SA	CHH	5	20096671	20096676	4	0.250	0.043	1.4E-03	AT5G49525	2.7	1.8E-05
1 mM SA	CHH	5	20127676	20127692	6	-0.204	0.075	5.4E-03	AT5G49580	-0.4	3.3E-01
1 mM SA	CHH	5	20129490	20129549	14	-0.156	0.098	9.0E-04	AT5G49590	nd	nd
1 mM SA	CHH	5	20209093	20209107	4	-0.231	0.056	1.4E-04	AT5G49740	-0.5	2.2E-01
1 mM SA	CHH	5	20209191	20209200	4	-0.221	0.094	2.0E-03	AT5G49740	-0.5	2.2E-01
1 mM SA	CHH	5	20209612	20209636	10	-0.192	0.096	2.6E-03	AT5G49740	-0.5	2.2E-01
1 mM SA	CHH	5	20275127	20275137	4	-0.141	0.116	7.6E-03	AT5G49870	Inf	5.3E-01
1 mM SA	CHH	5	20275242	20275262	6	-0.220	0.061	5.9E-06	AT5G49870	Inf	5.3E-01
1 mM SA	CHH	5	20277236	20277249	6	-0.235	0.166	5.1E-03	AT5G49870	Inf	5.3E-01
1 mM SA	CHH	5	20278870	20278882	4	-0.195	0.075	6.0E-04	AT5G49880	-0.5	2.5E-01
1 mM SA	CHH	5	20526830	20526840	4	-0.320	0.079	6.0E-04	AT5G50400	-0.7	1.5E-01
1 mM SA	CHH	5	20632639	20632644	4	0.284	0.118	5.1E-03	AT5G50720	1.7	6.5E-05
1 mM SA	CHH	5	20640152	20640205	4	-0.344	0.094	3.2E-03	AT5G50750	2.0	1.4E-01
1 mM SA	CHH	5	20660187	20660204	6	-0.190	0.092	6.6E-03	AT5G50790	nd	nd
1 mM SA	CHH	5	20757015	20757026	4	-0.232	0.118	1.8E-03	AT5G51050	0.0	1.0E+00
1 mM SA	CHH	5	20788789	20788801	4	-0.269	0.099	1.6E-03	AT5G51150	-0.6	2.5E-01
1 mM SA	CHH	5	20788807	20788815	4	-0.191	0.081	3.7E-03	AT5G51150	-0.6	2.5E-01
1 mM SA	CHH	5	20855674	20855695	8	-0.258	0.090	8.7E-04	AT5G51310	1.5	1.4E-01
1 mM SA	CHH	5	21028217	21028242	4	0.248	0.063	2.6E-03	AT5G51760	-Inf	1.0E+00
1 mM SA	CHH	5	21169164	21169199	6	-0.182	0.077	1.9E-03	AT5G52090	nd	nd
1 mM SA	CHH	5	21174644	21174656	6	-0.218	0.071	4.5E-05	AT5G52110	0.9	6.4E-03
1 mM SA	CHH	5	21175830	21175852	6	-0.322	0.084	5.2E-04	AT5G52110	0.9	6.4E-03
1 mM SA	CHH	5	21347903	21347915	4	0.186	0.109	7.7E-03	AT5G52610	nd	nd
1 mM SA	CHH	5	21423713	21423727	4	-0.272	0.122	5.1E-03	AT5G52860	Inf	2.8E-01
1 mM SA	CHH	5	21544606	21544612	4	-0.313	0.108	9.9E-03	AT5G53130	-0.6	1.8E-01
1 mM SA	CHH	5	21553160	21553207	8	-0.239	0.069	6.6E-03	AT5G53144	0.4	5.3E-01

1 mM SA	CHH	5	21699624	21699659	6	-0.223	0.088	8.2E-03	AT5G53460	0.5	2.5E-01
1 mM SA	CHH	5	21699660	21699666	4	-0.214	0.061	3.4E-04	AT5G53460	0.5	2.5E-01
1 mM SA	CHH	5	21777013	21777029	4	-0.184	0.071	9.6E-03	AT5G53600	nd	nd
1 mM SA	CHH	5	21796076	21796082	4	-0.228	0.123	6.0E-03	AT5G53670	nd	nd
1 mM SA	CHH	5	21796300	21796321	8	-0.201	0.068	2.2E-03	AT5G53670	nd	nd
1 mM SA	CHH	5	21821138	21821206	14	0.155	0.120	7.2E-04	AT5G53760	1.1	6.9E-03
1 mM SA	CHH	5	21837369	21837413	4	-0.235	0.037	9.7E-03	AT5G53780	nd	nd
1 mM SA	CHH	5	21848560	21848641	38	0.471	0.044	1.5E-03	AT5G53800	-0.8	3.5E-02
1 mM SA	CHH	5	21855438	21855450	8	-0.270	0.116	4.6E-03	AT5G53830	0.1	8.2E-01
1 mM SA	CHH	5	22021790	22021847	8	0.228	0.053	7.6E-03	AT5G54240	-3.6	5.3E-10
1 mM SA	CHH	5	22137149	22137216	14	-0.255	0.106	2.1E-03	AT5G54510	-1.2	3.2E-02
1 mM SA	CHH	5	22137943	22137950	4	-0.242	0.094	2.6E-03	AT5G54510	-1.2	3.2E-02
1 mM SA	CHH	5	22223156	22223160	4	-0.163	0.086	2.6E-03	AT5G54700	nd	nd
1 mM SA	CHH	5	22322747	22322790	14	-0.174	0.083	6.2E-03	AT5G55010	nd	nd
1 mM SA	CHH	5	22463722	22463746	4	0.230	0.083	2.3E-03	AT5G55430	-1.3	1.0E+00
1 mM SA	CHH	5	22511317	22511414	12	-0.243	0.160	1.0E-03	AT5G55565	nd	nd
1 mM SA	CHH	5	22512581	22512615	6	-0.238	0.071	1.3E-03	AT5G55565	nd	nd
1 mM SA	CHH	5	22514283	22514291	6	-0.397	0.097	1.5E-06	AT5G55565	nd	nd
1 mM SA	CHH	5	22534884	22534942	16	-0.203	0.101	2.2E-03	AT5G55640	-0.5	3.1E-01
1 mM SA	CHH	5	22581506	22581515	6	-0.417	0.227	2.5E-03	AT5G55790	-0.3	7.1E-01
1 mM SA	CHH	5	22581527	22581542	8	-0.198	0.079	4.4E-03	AT5G55800	nd	nd
1 mM SA	CHH	5	22642895	22642902	4	-0.337	0.043	5.5E-04	AT5G55910	-0.3	5.6E-01
1 mM SA	CHH	5	22642907	22642911	4	-0.270	0.076	9.3E-04	AT5G55910	-0.3	5.6E-01
1 mM SA	CHH	5	22674458	22674468	4	-0.292	0.033	1.6E-04	AT5G55990	0.6	1.2E-01
1 mM SA	CHH	5	22833550	22833590	8	-0.187	0.139	7.6E-03	AT5G56368	nd	nd
1 mM SA	CHH	5	22841066	22841070	4	-0.265	0.038	4.5E-03	AT5G56380	-0.5	3.0E-01
1 mM SA	CHH	5	22841073	22841085	4	-0.254	0.130	6.5E-03	AT5G56380	-0.5	3.0E-01
1 mM SA	CHH	5	22911188	22911233	10	-0.259	0.148	7.0E-04	AT5G56600	0.9	1.5E-02
1 mM SA	CHH	5	22916074	22916080	4	0.435	0.052	1.5E-03	AT5G56610	-1.1	7.7E-02
1 mM SA	CHH	5	23050619	23050625	4	0.304	0.036	2.6E-04	AT5G56970	-1.7	2.1E-01
1 mM SA	CHH	5	23240676	23240686	4	-0.218	0.104	6.6E-03	AT5G57360	-0.8	8.2E-02
1 mM SA	CHH	5	23323268	23323281	4	-0.269	0.059	6.0E-04	AT5G57590	1.4	4.5E-03
1 mM SA	CHH	5	23393186	23393204	4	-0.199	0.098	2.7E-03	AT5G57730	nd	nd
1 mM SA	CHH	5	23592825	23592832	4	-0.263	0.030	5.5E-03	AT5G58370	0.0	9.2E-01
1 mM SA	CHH	5	23774322	23774341	6	-0.274	0.074	8.3E-05	AT5G58870	0.0	9.9E-01
1 mM SA	CHH	5	24002814	24002967	14	-0.236	0.131	6.6E-04	AT5G59560	-0.2	7.1E-01
1 mM SA	CHH	5	24021870	24021929	4	-0.174	0.100	6.7E-03	AT5G59616	nd	nd
1 mM SA	CHH	5	24110652	24110664	4	0.264	0.071	5.9E-04	AT5G59845	2.0	2.1E-02
1 mM SA	CHH	5	24110793	24110819	6	0.358	0.148	2.2E-03	AT5G59845	2.0	2.1E-02
1 mM SA	CHH	5	24110821	24110840	6	0.244	0.146	2.5E-03	AT5G59845	2.0	2.1E-02
1 mM SA	CHH	5	24118105	24118137	4	-0.234	0.103	9.2E-03	AT5G59870	0.7	8.9E-02
1 mM SA	CHH	5	24314270	24314292	4	-0.193	0.136	8.9E-03	AT5G60450	0.2	7.8E-01
1 mM SA	CHH	5	24335303	24335327	10	0.675	0.028	1.2E-06	AT5G60530	nd	nd
1 mM SA	CHH	5	24335331	24335357	14	0.614	0.080	9.6E-06	AT5G60530	nd	nd
1 mM SA	CHH	5	24335358	24335417	16	0.559	0.083	3.0E-07	AT5G60530	nd	nd
1 mM SA	CHH	5	24370960	24370970	4	-0.278	0.054	3.4E-04	AT5G60640	0.0	1.0E+00
1 mM SA	CHH	5	24436568	24436582	6	-0.201	0.121	7.0E-03	AT5G60760	0.7	6.4E-01
1 mM SA	CHH	5	24542650	24542664	4	-0.340	0.067	1.6E-05	AT5G60980	-1.2	4.9E-03
1 mM SA	CHH	5	24586673	24586700	8	-0.220	0.143	6.8E-03	AT5G61120	nd	nd

1 mM SA	CHH	5	24586718	24586736	4	0.482	0.159	1.7E-03	AT5G61120	nd	nd
1 mM SA	CHH	5	24586783	24586796	4	0.201	0.095	7.8E-03	AT5G61120	nd	nd
1 mM SA	CHH	5	24908819	24908828	4	-0.294	0.093	4.8E-03	AT5G61997	nd	nd
1 mM SA	CHH	5	24966542	24966562	8	-0.205	0.126	2.5E-04	AT5G62165	0.4	7.6E-01
1 mM SA	CHH	5	24966632	24966643	4	-0.196	0.120	3.1E-03	AT5G62165	0.4	7.6E-01
1 mM SA	CHH	5	25048692	25048707	8	-0.238	0.073	1.6E-03	AT5G62380	2.4	9.4E-03
1 mM SA	CHH	5	25178819	25178825	4	0.405	0.069	4.1E-05	AT5G62690	1.8	3.6E-08
1 mM SA	CHH	5	25845310	25845317	4	-0.204	0.121	6.0E-03	AT5G64660	1.0	1.8E-03
1 mM SA	CHH	5	25904748	25904766	4	0.273	0.081	1.3E-03	AT5G64800	-1.4	5.8E-02
1 mM SA	CHH	5	25904979	25905023	8	0.157	0.135	7.0E-03	AT5G64800	-1.4	5.8E-02
1 mM SA	CHH	5	25967709	25967797	4	-0.267	0.097	7.2E-03	AT5G65005	nd	nd
1 mM SA	CHH	5	25968568	25968594	4	-0.251	0.134	5.5E-03	AT5G65005	nd	nd
1 mM SA	CHH	5	26069942	26069953	4	-0.503	0.153	9.8E-05	AT5G65230	-1.0	7.0E-01
1 mM SA	CHH	5	26070308	26070333	4	-0.202	0.107	4.1E-03	AT5G65230	-1.0	7.0E-01
1 mM SA	CHH	5	26258283	26258292	4	0.356	0.099	6.1E-04	AT5G65683	-0.7	2.1E-01
1 mM SA	CHH	5	26558823	26558841	12	0.653	0.100	5.2E-07	AT5G66540	0.3	7.7E-01
1 mM SA	CHH	5	26558842	26558886	22	0.459	0.079	3.1E-07	AT5G66540	0.3	7.7E-01
1 mM SA	CHH	5	26582352	26582357	4	-0.330	0.090	3.7E-04	AT5G66607	-Inf	2.2E-01
1 mM SA	CHH	5	26582365	26582385	8	-0.221	0.076	9.7E-04	AT5G66607	-Inf	2.2E-01

**Table S4.** Details of the strand-specific mRNA-Seq libraries. Only reads mapping to the *Arabidopsis* nuclear genome were included in this analysis. Bioinformatic analyses of expression (FPKM, fragments per kilobase of transcript per million fragments) or differential expression (DESeq, 5% FDR) are detailed in the *SI Appendix*, Supporting Methods.

	<u>Untreated</u> <u>rep 1</u>	<u>Untreated</u> <u>rep 2</u>	<u>5 d.p.i. <i>Pst</i></u> <u>rep 1</u>	<u>5 d.p.i. <i>Pst</i></u> <u>rep 2</u>	<u>5 d.p.i.</u> <u><i>Pst(avr)</i></u> <u>rep 1</u>	<u>5 d.p.i.</u> <u><i>Pst(avr)</i></u> <u>rep 2</u>	<u>1 mM SA</u> <u>rep 1</u>	<u>1 mM SA</u> <u>rep 2</u>
<b>Total Uniquely Mapping mRNA-Seq Reads</b>	27,499,879	13,519,702	20,114,416	23,707,337	22,752,881	19,728,936	30,065,082	32,120,035
<b>Exonic, Sense mRNA-Seq Reads (% of Total)</b>	26,694,872 (97.07%)	13,185,942 (97.53%)	19,298,166 (95.94%)	23,051,515 (97.23%)	22,044,991 (96.89%)	19,154,859 (97.09%)	29,290,521 (97.42%)	31,313,350 (97.49%)
<b>Intronic/Antisense mRNA-Seq Reads (% of Total)</b>	805,007 (2.93%)	333,760 (2.47%)	816,250 (4.06%)	655,822 (2.77%)	707,890 (3.11%)	574,077 (2.91%)	774,561 (2.58%)	806,685 (2.51%)
<b>Spliced Reads (% of Total)</b>	2,715,347 (9.87%)	1,531,493 (11.33%)	1,958,570 (9.74%)	2,617,604 (11.04%)	2,449,382 (10.77%)	2,286,212 (11.59%)	3,290,490 (10.94%)	3,576,301 (11.13%)
<b>Number of Expressed Genes, FPKM&gt;1 (% of Total Genes)</b>	16,371 (52.34%)	16,237 (51.91%)	16,020 (51.21%)	15,295 (48.90%)	16,220 (51.85%)	15,778 (50.44%)	16,029 (51.33%)	16,119 (51.53%)

	<u>5 d.p.i. <i>Pst</i></u>	<u>5 d.p.i.</u> <u><i>Pst(avr)</i></u>	<u>1 mM SA</u>
<b>Number of Upregulated Genes, 5% FDR (% of Total Genes)</b>	2,279 (7.34%)	2,174 (7.00%)	3,555 (11.44%)
<b>Number of Downregulated Genes, 5%FDR (% of Total Genes)</b>	1,096 (3.53%)	3,037 (9.77%)	4,716 (15.18%)

**Table S5.** GO Enrichment analysis of DMR-associated genes (DAVID, GO Fat).

<u>Sample</u>	<u>Category</u>	<u>Count</u>	<u>% of Total</u>	<u>P value</u>	<u>Fold Enrichment</u>
5 d.p.i. <i>Pst</i>	defense response	71	5.53	3.07E-06	1.76
5 d.p.i. <i>Pst</i>	lipid transport	15	1.17	0.00051	2.95
5 d.p.i. <i>Pst</i>	lipid localization	15	1.17	0.00140	2.66
5 d.p.i. <i>Pst</i>	killing of cells of another organism	22	1.71	0.00283	2.02
5 d.p.i. <i>Pst</i>	cell killing	22	1.71	0.00283	2.02
5 d.p.i. <i>Pst</i>	response to fungus	29	2.26	0.00396	1.76
5 d.p.i. <i>Pst</i>	defense response to fungus	26	2.03	0.00651	1.77
5 d.p.i. <i>Pst</i>	auxin metabolic process	7	0.55	0.00668	4.05
5 d.p.i. <i>Pst</i>	response to herbivore	3	0.23	0.00704	20.25
5 d.p.i. <i>Pst</i>	aromatic amino acid family metabolic process	8	0.62	0.00770	3.45
5 d.p.i. <i>Pst</i>	hormone metabolic process	9	0.70	0.00975	2.99
5 d.p.i. <i>Pst</i>	glycoside biosynthetic process	8	0.62	0.01775	2.94
5 d.p.i. <i>Pst</i>	glycoside metabolic process	9	0.70	0.02871	2.46
5 d.p.i. <i>Pst</i>	innate immune response	20	1.56	0.02899	1.68
5 d.p.i. <i>Pst</i>	cell death	19	1.48	0.03250	1.69
5 d.p.i. <i>Pst</i>	death	19	1.48	0.03250	1.69
5 d.p.i. <i>Pst</i>	immune response	20	1.56	0.05342	1.56
5 d.p.i. <i>Pst</i>	response to ethylene stimulus	16	1.25	0.05831	1.66
5 d.p.i. <i>Pst</i>	response to salicylic acid stimulus	11	0.86	0.06289	1.90
5 d.p.i. <i>Pst</i>	auxin biosynthetic process	4	0.31	0.06416	4.26
5 d.p.i. <i>Pst</i>	response to jasmonic acid stimulus	11	0.86	0.06584	1.89
5 d.p.i. <i>Pst</i>	response to bacterium	16	1.25	0.07177	1.61
5 d.p.i. <i>Pst</i>	positive regulation of RNA metabolic process	4	0.31	0.07283	4.05
5 d.p.i. <i>Pst</i>	nucleotide-sugar metabolic process	4	0.31	0.07283	4.05
5 d.p.i. <i>Pst</i>	hormone biosynthetic process	5	0.39	0.08437	2.98
5 d.p.i. <i>Pst</i>	regulation of hormone levels	9	0.70	0.09182	1.94
5 d.p.i. <i>Pst</i>	aromatic amino acid family biosynthetic process	5	0.39	0.09939	2.81
5 d.p.i. <i>Pst</i>	chorismate metabolic process	5	0.39	0.09939	2.81
5 d.p.i. <i>Pst</i>	response to organic substance	53	4.13	0.10287	1.21
5 d.p.i. <i>Pst</i>	response to wounding	10	0.78	0.10522	1.79
5 d.p.i. <i>Pst</i>	S-glycoside metabolic process	5	0.39	0.10734	2.74
5 d.p.i. <i>Pst</i>	glucosinolate metabolic process	5	0.39	0.10734	2.74
5 d.p.i. <i>Pst</i>	glycosinolate metabolic process	5	0.39	0.10734	2.74
5 d.p.i. <i>Pst</i>	sucrose biosynthetic process	3	0.23	0.11552	5.06
5 d.p.i. <i>Pst</i>	phosphate transport	3	0.23	0.11552	5.06
5 d.p.i. <i>Pst</i>	programmed cell death	15	1.17	0.12137	1.51
5 d.p.i. <i>Pst</i>	S-glycoside biosynthetic process	4	0.31	0.12302	3.24
5 d.p.i. <i>Pst</i>	glycosinolate biosynthetic process	4	0.31	0.12302	3.24
5 d.p.i. <i>Pst</i>	glucosinolate biosynthetic process	4	0.31	0.12302	3.24
5 d.p.i. <i>Pst</i>	cellular metal ion homeostasis	5	0.39	0.12405	2.60
5 d.p.i. <i>Pst</i>	metal ion homeostasis	5	0.39	0.12405	2.60
5 d.p.i. <i>Pst</i>	carboxylic acid biosynthetic process	23	1.79	0.13299	1.34
5 d.p.i. <i>Pst</i>	organic acid biosynthetic process	23	1.79	0.13299	1.34
5 d.p.i. <i>Pst</i>	positive regulation of macromolecule metabolic process	6	0.47	0.13335	2.21

5 d.p.i. <i>Pst</i>	nucleoside monophosphate metabolic process	4	0.31	0.15771	2.89
5 d.p.i. <i>Pst</i>	cellular response to nutrient levels	5	0.39	0.17009	2.30
5 d.p.i. <i>Pst</i>	inorganic anion transport	5	0.39	0.17009	2.30
5 d.p.i. <i>Pst</i>	response to drug	7	0.55	0.17130	1.86
5 d.p.i. <i>Pst</i>	drug transport	7	0.55	0.17130	1.86
5 d.p.i. <i>Pst</i>	disaccharide biosynthetic process	4	0.31	0.18231	2.70
5 d.p.i. <i>Pst</i>	positive regulation of translation	2	0.16	0.18312	10.12
5 d.p.i. <i>Pst</i>	sucrose metabolic process	3	0.23	0.20331	3.57
5 d.p.i. <i>Pst</i>	DNA endoreduplication	3	0.23	0.20331	3.57
5 d.p.i. <i>Pst</i>	positive regulation of transcription, DNA-dependent	3	0.23	0.20331	3.57
5 d.p.i. <i>Pst</i>	cellular carbohydrate biosynthetic process	12	0.94	0.21230	1.44
5 d.p.i. <i>Pst</i>	regulation of transcription, DNA-dependent	48	3.74	0.21329	1.14
5 d.p.i. <i>Pst</i>	response to gibberellin stimulus	7	0.55	0.21705	1.73
5 d.p.i. <i>Pst</i>	oligosaccharide biosynthetic process	4	0.31	0.22090	2.45
5 d.p.i. <i>Pst</i>	negative regulation of flower development	4	0.31	0.22090	2.45
5 d.p.i. <i>Pst</i>	positive regulation of macromolecule biosynthetic process	5	0.39	0.22107	2.07
5 d.p.i. <i>Pst</i>	indolalkylamine metabolic process	3	0.23	0.22172	3.37
5 d.p.i. <i>Pst</i>	tryptophan metabolic process	3	0.23	0.22172	3.37
5 d.p.i. <i>Pst</i>	fatty acid biosynthetic process	10	0.78	0.22188	1.50
5 d.p.i. <i>Pst</i>	miRNA catabolic process	2	0.16	0.22340	8.10
5 d.p.i. <i>Pst</i>	ncRNA catabolic process	2	0.16	0.22340	8.10
5 d.p.i. <i>Pst</i>	positive regulation of cellular protein metabolic process	2	0.16	0.22340	8.10
5 d.p.i. <i>Pst</i>	positive regulation of protein metabolic process	2	0.16	0.22340	8.10
5 d.p.i. <i>Pst</i>	pathogenesis	2	0.16	0.22340	8.10
5 d.p.i. <i>Pst</i>	vegetative phase change	2	0.16	0.22340	8.10
5 d.p.i. <i>Pst</i>	cellular response to hydrogen peroxide	6	0.47	0.22510	1.84
5 d.p.i. <i>Pst</i>	hydrogen peroxide catabolic process	6	0.47	0.22510	1.84
5 d.p.i. <i>Pst</i>	amine biosynthetic process	12	0.94	0.22869	1.41
5 d.p.i. <i>Pst</i>	regulation of RNA metabolic process	48	3.74	0.23144	1.14
5 d.p.i. <i>Pst</i>	apoptosis	11	0.86	0.24064	1.43
5 d.p.i. <i>Pst</i>	cellular amino acid biosynthetic process	11	0.86	0.25272	1.41
5 d.p.i. <i>Pst</i>	hydrogen peroxide metabolic process	6	0.47	0.25285	1.76
5 d.p.i. <i>Pst</i>	response to inorganic substance	26	2.03	0.25385	1.20
5 d.p.i. <i>Pst</i>	response to hydrogen peroxide	7	0.55	0.25795	1.63
5 d.p.i. <i>Pst</i>	response to osmotic stress	20	1.56	0.25904	1.24
5 d.p.i. <i>Pst</i>	sulfur metabolic process	10	0.78	0.26013	1.44
5 d.p.i. <i>Pst</i>	cellular response to sulfate starvation	2	0.16	0.26171	6.75
5 d.p.i. <i>Pst</i>	miRNA metabolic process	2	0.16	0.26171	6.75
5 d.p.i. <i>Pst</i>	pyrimidine nucleoside monophosphate metabolic process	2	0.16	0.26171	6.75
5 d.p.i. <i>Pst</i>	positive regulation of biosynthetic process	5	0.39	0.26436	1.91
5 d.p.i. <i>Pst</i>	cellular response to extracellular stimulus	5	0.39	0.26436	1.91
5 d.p.i. <i>Pst</i>	positive regulation of cellular biosynthetic process	5	0.39	0.26436	1.91
5 d.p.i. <i>Pst</i>	cation homeostasis	6	0.47	0.27181	1.71
5 d.p.i. <i>Pst</i>	multidrug transport	6	0.47	0.27181	1.71
5 d.p.i. <i>Pst</i>	regulation of transcription	84	6.55	0.27574	1.08
5 d.p.i. <i>Pst</i>	aromatic compound biosynthetic process	11	0.86	0.27746	1.37
5 d.p.i. <i>Pst</i>	sulfur compound biosynthetic process	7	0.55	0.28342	1.57
5 d.p.i. <i>Pst</i>	response to nutrient levels	5	0.39	0.28657	1.84
5 d.p.i. <i>Pst</i>	response to endogenous stimulus	40	3.12	0.28753	1.13

5 d.p.i. <i>Pst</i>	secondary metabolic process	19	1.48	0.29113	1.22
5 d.p.i. <i>Pst</i>	cell wall macromolecule catabolic process	3	0.23	0.29607	2.76
5 d.p.i. <i>Pst</i>	ribonucleoside monophosphate metabolic process	3	0.23	0.29607	2.76
5 d.p.i. <i>Pst</i>	base-excision repair	3	0.23	0.29607	2.76
5 d.p.i. <i>Pst</i>	response to cadmium ion	17	1.33	0.29808	1.23
5 d.p.i. <i>Pst</i>	modulation of RNA levels in other organism during symbiotic interaction	2	0.16	0.29813	5.78
5 d.p.i. <i>Pst</i>	virus induced gene silencing	2	0.16	0.29813	5.78
5 d.p.i. <i>Pst</i>	anthocyanin biosynthetic process	2	0.16	0.29813	5.78
5 d.p.i. <i>Pst</i>	modulation by symbiont of RNA levels in host	2	0.16	0.29813	5.78
5 d.p.i. <i>Pst</i>	fatty acid metabolic process	12	0.94	0.29860	1.32
5 d.p.i. <i>Pst</i>	cellular response to reactive oxygen species	6	0.47	0.30076	1.64
5 d.p.i. <i>Pst</i>	response to red light	4	0.31	0.30176	2.08
5 d.p.i. <i>Pst</i>	disaccharide metabolic process	4	0.31	0.30176	2.08
5 d.p.i. <i>Pst</i>	cellular response to oxidative stress	6	0.47	0.31052	1.62
5 d.p.i. <i>Pst</i>	glutamine metabolic process	3	0.23	0.31458	2.64
5 d.p.i. <i>Pst</i>	cellular response to starvation	4	0.31	0.31546	2.02
5 d.p.i. <i>Pst</i>	response to cold	11	0.86	0.32232	1.32
5 d.p.i. <i>Pst</i>	host programmed cell death induced by symbiont	4	0.31	0.32917	1.98
5 d.p.i. <i>Pst</i>	aromatic amino acid family biosynthetic process, prephenate pathway	2	0.16	0.33275	5.06
5 d.p.i. <i>Pst</i>	nucleotide-sugar biosynthetic process	2	0.16	0.33275	5.06
5 d.p.i. <i>Pst</i>	lateral root primordium development	2	0.16	0.33275	5.06
5 d.p.i. <i>Pst</i>	modification by symbiont of host morphology or physiology	2	0.16	0.33275	5.06
5 d.p.i. <i>Pst</i>	calcium ion homeostasis	3	0.23	0.33298	2.53
5 d.p.i. <i>Pst</i>	cellular calcium ion homeostasis	3	0.23	0.33298	2.53
5 d.p.i. <i>Pst</i>	protein targeting to membrane	3	0.23	0.33298	2.53
5 d.p.i. <i>Pst</i>	response to salt stress	18	1.40	0.33897	1.19
5 d.p.i. <i>Pst</i>	transmembrane transport	11	0.86	0.34863	1.29
5 d.p.i. <i>Pst</i>	regulation of flower development	6	0.47	0.35983	1.52
5 d.p.i. <i>Pst</i>	response to chitin	7	0.55	0.36241	1.43
5 d.p.i. <i>Pst</i>	carbohydrate biosynthetic process	13	1.01	0.36521	1.23
5 d.p.i. <i>Pst</i>	IMP biosynthetic process	2	0.16	0.36567	4.50
5 d.p.i. <i>Pst</i>	IMP metabolic process	2	0.16	0.36567	4.50
5 d.p.i. <i>Pst</i>	regulation of chlorophyll biosynthetic process	2	0.16	0.36567	4.50
5 d.p.i. <i>Pst</i>	cellular cation homeostasis	5	0.39	0.36573	1.63
5 d.p.i. <i>Pst</i>	polysaccharide catabolic process	5	0.39	0.36573	1.63
5 d.p.i. <i>Pst</i>	salicylic acid mediated signaling pathway	3	0.23	0.36932	2.34
5 d.p.i. <i>Pst</i>	ion homeostasis	6	0.47	0.36974	1.50
5 d.p.i. <i>Pst</i>	response to carbohydrate stimulus	10	0.78	0.36995	1.29
5 d.p.i. <i>Pst</i>	response to starvation	4	0.31	0.38379	1.80
5 d.p.i. <i>Pst</i>	cellular response to phosphate starvation	3	0.23	0.38720	2.25
5 d.p.i. <i>Pst</i>	nucleoside monophosphate biosynthetic process	3	0.23	0.38720	2.25
5 d.p.i. <i>Pst</i>	dicarboxylic acid metabolic process	5	0.39	0.38841	1.58
5 d.p.i. <i>Pst</i>	response to extracellular stimulus	5	0.39	0.38841	1.58
5 d.p.i. <i>Pst</i>	translational initiation	5	0.39	0.38841	1.58
5 d.p.i. <i>Pst</i>	response to metal ion	18	1.40	0.39227	1.15
5 d.p.i. <i>Pst</i>	pentacyclic triterpenoid metabolic process	2	0.16	0.39697	4.05
5 d.p.i. <i>Pst</i>	pentacyclic triterpenoid biosynthetic process	2	0.16	0.39697	4.05
5 d.p.i. <i>Pst</i>	positive regulation of gene-specific transcription	2	0.16	0.39697	4.05
5 d.p.i. <i>Pst</i>	oligosaccharide metabolic process	4	0.31	0.39731	1.76

5 d.p.i. <i>Pst</i>	biogenic amine metabolic process	4	0.31	0.41075	1.72
5 d.p.i. <i>Pst</i>	response to reactive oxygen species	7	0.55	0.41585	1.35
5 d.p.i. <i>Pst</i>	jasmonic acid mediated signaling pathway	3	0.23	0.42226	2.09
5 d.p.i. <i>Pst</i>	membrane fusion	3	0.23	0.42226	2.09
5 d.p.i. <i>Pst</i>	indole derivative biosynthetic process	3	0.23	0.42226	2.09
5 d.p.i. <i>Pst</i>	anthocyanin metabolic process	2	0.16	0.42673	3.68
5 d.p.i. <i>Pst</i>	gene silencing by miRNA, production of miRNAs	2	0.16	0.42673	3.68
5 d.p.i. <i>Pst</i>	negative regulation of post-embryonic development	4	0.31	0.43734	1.65
5 d.p.i. <i>Pst</i>	oxygen and reactive oxygen species metabolic process	6	0.47	0.43884	1.38
5 d.p.i. <i>Pst</i>	biogenic amine biosynthetic process	3	0.23	0.43940	2.02
5 d.p.i. <i>Pst</i>	ncRNA metabolic process	10	0.78	0.44805	1.21
5 d.p.i. <i>Pst</i>	cellular homeostasis	11	0.86	0.44905	1.18
5 d.p.i. <i>Pst</i>	cellular amino acid derivative metabolic process	12	0.94	0.44980	1.17
5 d.p.i. <i>Pst</i>	di-, tri-valent inorganic cation homeostasis	4	0.31	0.45046	1.62
5 d.p.i. <i>Pst</i>	positive regulation of nucleobase, nucleoside, nucleotide metabolic process	4	0.31	0.45046	1.62
5 d.p.i. <i>Pst</i>	positive regulation of nitrogen compound metabolic process	4	0.31	0.45046	1.62
5 d.p.i. <i>Pst</i>	triterpenoid biosynthetic process	2	0.16	0.45502	3.37
5 d.p.i. <i>Pst</i>	regulation of cofactor metabolic process	2	0.16	0.45502	3.37
5 d.p.i. <i>Pst</i>	anion transport	5	0.39	0.45552	1.45
5 d.p.i. <i>Pst</i>	external encapsulating structure organization	13	1.01	0.45593	1.14
5 d.p.i. <i>Pst</i>	defense response to bacterium	9	0.70	0.46176	1.21
5 d.p.i. <i>Pst</i>	cellular ion homeostasis	5	0.39	0.46649	1.43
5 d.p.i. <i>Pst</i>	indole and derivative metabolic process	3	0.23	0.47282	1.90
5 d.p.i. <i>Pst</i>	response to far red light	3	0.23	0.47282	1.90
5 d.p.i. <i>Pst</i>	indole derivative metabolic process	3	0.23	0.47282	1.90
5 d.p.i. <i>Pst</i>	cellular component morphogenesis	11	0.86	0.47573	1.16
5 d.p.i. <i>Pst</i>	cellular chemical homeostasis	5	0.39	0.47738	1.41
5 d.p.i. <i>Pst</i>	proteolysis	44	3.43	0.48094	1.04
5 d.p.i. <i>Pst</i>	histone deacetylation	2	0.16	0.48192	3.11
5 d.p.i. <i>Pst</i>	gene silencing by miRNA	2	0.16	0.48192	3.11
5 d.p.i. <i>Pst</i>	proteasomal ubiquitin-dependent protein catabolic process	2	0.16	0.48192	3.11
5 d.p.i. <i>Pst</i>	pigment biosynthetic process	5	0.39	0.48818	1.39
5 d.p.i. <i>Pst</i>	glutamine family amino acid metabolic process	4	0.31	0.48904	1.53
5 d.p.i. <i>Pst</i>	aging	4	0.31	0.48904	1.53
5 d.p.i. <i>Pst</i>	toxin metabolic process	3	0.23	0.48908	1.84
5 d.p.i. <i>Pst</i>	toxin catabolic process	3	0.23	0.48908	1.84
5 d.p.i. <i>Pst</i>	cell wall modification	6	0.47	0.49665	1.29
5 d.p.i. <i>Pst</i>	circadian rhythm	3	0.23	0.50501	1.79
5 d.p.i. <i>Pst</i>	cell wall organization	12	0.94	0.50661	1.12
5 d.p.i. <i>Pst</i>	regulation of gene-specific transcription	2	0.16	0.50749	2.89
5 d.p.i. <i>Pst</i>	purine nucleoside monophosphate biosynthetic process	2	0.16	0.50749	2.89
5 d.p.i. <i>Pst</i>	purine ribonucleoside monophosphate metabolic process	2	0.16	0.50749	2.89
5 d.p.i. <i>Pst</i>	triterpenoid metabolic process	2	0.16	0.50749	2.89
5 d.p.i. <i>Pst</i>	purine ribonucleoside monophosphate biosynthetic process	2	0.16	0.50749	2.89
5 d.p.i. <i>Pst</i>	purine nucleoside monophosphate metabolic process	2	0.16	0.50749	2.89
5 d.p.i. <i>Pst</i>	macromolecule catabolic process	30	2.34	0.52771	1.03
5 d.p.i. <i>Pst</i>	response to hormone stimulus	34	2.65	0.52937	1.03
5 d.p.i. <i>Pst</i>	meristem development	5	0.39	0.53041	1.31
5 d.p.i. <i>Pst</i>	proteasomal protein catabolic process	2	0.16	0.53180	2.70

5 d.p.i. <i>Pst</i>	second-messenger-mediated signaling	2	0.16	0.53180	2.70
5 d.p.i. <i>Pst</i>	protein amino acid deacetylation	2	0.16	0.53180	2.70
5 d.p.i. <i>Pst</i>	glucan catabolic process	3	0.23	0.53590	1.69
5 d.p.i. <i>Pst</i>	response to virus	3	0.23	0.53590	1.69
5 d.p.i. <i>Pst</i>	cellular amino acid derivative biosynthetic process	8	0.62	0.53991	1.16
5 d.p.i. <i>Pst</i>	chemical homeostasis	6	0.47	0.54305	1.23
5 d.p.i. <i>Pst</i>	cell wall macromolecule metabolic process	3	0.23	0.55084	1.64
5 d.p.i. <i>Pst</i>	response to abiotic stimulus	47	3.66	0.55131	1.01
5 d.p.i. <i>Pst</i>	tryptophan biosynthetic process	2	0.16	0.55492	2.53
5 d.p.i. <i>Pst</i>	glutamate metabolic process	2	0.16	0.55492	2.53
5 d.p.i. <i>Pst</i>	monosaccharide biosynthetic process	2	0.16	0.55492	2.53
5 d.p.i. <i>Pst</i>	indolalkylamine biosynthetic process	2	0.16	0.55492	2.53
5 d.p.i. <i>Pst</i>	plant-type cell wall organization	4	0.31	0.56192	1.37
5 d.p.i. <i>Pst</i>	flavonoid biosynthetic process	3	0.23	0.56543	1.60
5 d.p.i. <i>Pst</i>	homeostatic process	12	0.94	0.56773	1.07
5 d.p.i. <i>Pst</i>	regulation of post-embryonic development	7	0.55	0.56977	1.15
5 d.p.i. <i>Pst</i>	regulation of cell cycle	6	0.47	0.56990	1.19
5 d.p.i. <i>Pst</i>	two-component signal transduction system (phosphorelay)	9	0.70	0.57078	1.10
5 d.p.i. <i>Pst</i>	terpenoid metabolic process	5	0.39	0.57086	1.25
5 d.p.i. <i>Pst</i>	cellulose metabolic process	4	0.31	0.57344	1.35
5 d.p.i. <i>Pst</i>	regulation of cell division	2	0.16	0.57689	2.38
5 d.p.i. <i>Pst</i>	maintenance of meristem identity	2	0.16	0.57689	2.38
5 d.p.i. <i>Pst</i>	plant-type cell wall modification during multidimensional cell growth	2	0.16	0.57689	2.38
5 d.p.i. <i>Pst</i>	aromatic compound catabolic process	2	0.16	0.57689	2.38
5 d.p.i. <i>Pst</i>	RNA interference, production of siRNA	2	0.16	0.57689	2.38
5 d.p.i. <i>Pst</i>	pollen-pistil interaction	3	0.23	0.57969	1.56
5 d.p.i. <i>Pst</i>	ethylene mediated signaling pathway	7	0.55	0.59355	1.12
5 d.p.i. <i>Pst</i>	plant-type hypersensitive response	3	0.23	0.59359	1.52
5 d.p.i. <i>Pst</i>	cellular response to stress	18	1.40	0.59508	1.02
5 d.p.i. <i>Pst</i>	chitin metabolic process	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	chitin catabolic process	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	jasmonic acid biosynthetic process	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	jasmonic acid metabolic process	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	iron ion transport	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	cell wall modification during multidimensional cell growth	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	galactose metabolic process	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	aminoglycan catabolic process	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	mitochondrial ATP synthesis coupled electron transport	2	0.16	0.59778	2.25
5 d.p.i. <i>Pst</i>	transcription	50	3.90	0.60320	0.99
5 d.p.i. <i>Pst</i>	nitrogen compound biosynthetic process	21	1.64	0.60635	1.01
5 d.p.i. <i>Pst</i>	cell division	8	0.62	0.60655	1.09
5 d.p.i. <i>Pst</i>	nucleobase, nucleoside, nucleotide and nucleic acid transport	3	0.23	0.60715	1.48
5 d.p.i. <i>Pst</i>	lateral root development	3	0.23	0.60715	1.48
5 d.p.i. <i>Pst</i>	phosphatidylinositol metabolic process	2	0.16	0.61765	2.13
5 d.p.i. <i>Pst</i>	RNA catabolic process	2	0.16	0.61765	2.13
5 d.p.i. <i>Pst</i>	protein processing	2	0.16	0.61765	2.13
5 d.p.i. <i>Pst</i>	cellular amino acid derivative catabolic process	2	0.16	0.61765	2.13
5 d.p.i. <i>Pst</i>	ATP synthesis coupled electron transport	2	0.16	0.61765	2.13
5 d.p.i. <i>Pst</i>	defense response to virus	2	0.16	0.61765	2.13

5 d.p.i. <i>Pst</i>	cell morphogenesis	9	0.70	0.61817	1.06
5 d.p.i. <i>Pst</i>	pigment metabolic process	5	0.39	0.61857	1.18
5 d.p.i. <i>Pst</i>	positive regulation of transcription	3	0.23	0.62037	1.45
5 d.p.i. <i>Pst</i>	flavonoid metabolic process	3	0.23	0.62037	1.45
5 d.p.i. <i>Pst</i>	response to abscisic acid stimulus	11	0.86	0.62693	1.03
5 d.p.i. <i>Pst</i>	rhythmic process	3	0.23	0.63324	1.41
5 d.p.i. <i>Pst</i>	meristem maintenance	3	0.23	0.63324	1.41
5 d.p.i. <i>Pst</i>	positive regulation of gene expression	3	0.23	0.63324	1.41
5 d.p.i. <i>Pst</i>	response to temperature stimulus	13	1.01	0.63524	1.01
5 d.p.i. <i>Pst</i>	protein maturation	2	0.16	0.63653	2.02
5 d.p.i. <i>Pst</i>	pyrimidine nucleotide biosynthetic process	2	0.16	0.63653	2.02
5 d.p.i. <i>Pst</i>	protein amino acid autophosphorylation	2	0.16	0.63653	2.02
5 d.p.i. <i>Pst</i>	folic acid and derivative biosynthetic process	2	0.16	0.63653	2.02
5 d.p.i. <i>Pst</i>	dsRNA fragmentation	2	0.16	0.63653	2.02
5 d.p.i. <i>Pst</i>	response to dsRNA	2	0.16	0.63653	2.02
5 d.p.i. <i>Pst</i>	cellular macromolecule catabolic process	25	1.95	0.63660	0.99
5 d.p.i. <i>Pst</i>	organic acid transport	4	0.31	0.63847	1.23
5 d.p.i. <i>Pst</i>	carboxylic acid transport	4	0.31	0.63847	1.23
5 d.p.i. <i>Pst</i>	terpenoid biosynthetic process	4	0.31	0.63847	1.23
5 d.p.i. <i>Pst</i>	response to red or far red light	7	0.55	0.63895	1.07
5 d.p.i. <i>Pst</i>	mRNA processing	6	0.47	0.64519	1.09
5 d.p.i. <i>Pst</i>	actin cytoskeleton organization	3	0.23	0.64576	1.38
5 d.p.i. <i>Pst</i>	RNA interference	2	0.16	0.65448	1.93
5 d.p.i. <i>Pst</i>	stem cell maintenance	2	0.16	0.65448	1.93
5 d.p.i. <i>Pst</i>	pyrimidine nucleotide metabolic process	2	0.16	0.65448	1.93
5 d.p.i. <i>Pst</i>	aminoglycan metabolic process	2	0.16	0.65448	1.93
5 d.p.i. <i>Pst</i>	ribonucleoside monophosphate biosynthetic process	2	0.16	0.65448	1.93
5 d.p.i. <i>Pst</i>	post-embryonic root development	3	0.23	0.65795	1.35
5 d.p.i. <i>Pst</i>	response to blue light	3	0.23	0.65795	1.35
5 d.p.i. <i>Pst</i>	DNA-dependent DNA replication	3	0.23	0.65795	1.35
5 d.p.i. <i>Pst</i>	electron transport chain	6	0.47	0.66076	1.07
5 d.p.i. <i>Pst</i>	cell redox homeostasis	6	0.47	0.66837	1.07
5 d.p.i. <i>Pst</i>	cellular di-, tri-valent inorganic cation homeostasis	3	0.23	0.66979	1.32
5 d.p.i. <i>Pst</i>	heterocycle catabolic process	2	0.16	0.67155	1.84
5 d.p.i. <i>Pst</i>	plant-type cell wall loosening	2	0.16	0.67155	1.84
5 d.p.i. <i>Pst</i>	stem cell development	2	0.16	0.67155	1.84
5 d.p.i. <i>Pst</i>	ubiquitin-dependent protein catabolic process	12	0.94	0.67408	0.99
5 d.p.i. <i>Pst</i>	proteolysis involved in cellular protein catabolic process	23	1.79	0.67497	0.97
5 d.p.i. <i>Pst</i>	tRNA metabolic process	6	0.47	0.68326	1.05
5 d.p.i. <i>Pst</i>	stem cell differentiation	2	0.16	0.68777	1.76
5 d.p.i. <i>Pst</i>	immune effector process	2	0.16	0.68777	1.76
5 d.p.i. <i>Pst</i>	oxidation reduction	43	3.35	0.69159	0.96
5 d.p.i. <i>Pst</i>	cellular protein catabolic process	23	1.79	0.69352	0.96
5 d.p.i. <i>Pst</i>	negative regulation of cell differentiation	2	0.16	0.70320	1.69
5 d.p.i. <i>Pst</i>	oxyzilipin biosynthetic process	2	0.16	0.70320	1.69
5 d.p.i. <i>Pst</i>	oxyzilipin metabolic process	2	0.16	0.70320	1.69
5 d.p.i. <i>Pst</i>	glutamine family amino acid biosynthetic process	2	0.16	0.70320	1.69
5 d.p.i. <i>Pst</i>	cellulose catabolic process	2	0.16	0.70320	1.69
5 d.p.i. <i>Pst</i>	posttranscriptional regulation of gene expression	4	0.31	0.70516	1.11

5 d.p.i. <i>Pst</i>	intracellular signaling cascade	29	2.26	0.71529	0.95
5 d.p.i. <i>Pst</i>	respiratory electron transport chain	2	0.16	0.71787	1.62
5 d.p.i. <i>Pst</i>	serine family amino acid biosynthetic process	2	0.16	0.71787	1.62
5 d.p.i. <i>Pst</i>	ion transport	18	1.40	0.72044	0.94
5 d.p.i. <i>Pst</i>	small GTPase mediated signal transduction	4	0.31	0.72239	1.08
5 d.p.i. <i>Pst</i>	carbohydrate transport	4	0.31	0.73071	1.07
5 d.p.i. <i>Pst</i>	cellular hormone metabolic process	2	0.16	0.73181	1.56
5 d.p.i. <i>Pst</i>	protein catabolic process	23	1.79	0.73218	0.94
5 d.p.i. <i>Pst</i>	histone modification	3	0.23	0.73402	1.17
5 d.p.i. <i>Pst</i>	modification-dependent protein catabolic process	22	1.71	0.73736	0.93
5 d.p.i. <i>Pst</i>	modification-dependent macromolecule catabolic process	22	1.71	0.73736	0.93
5 d.p.i. <i>Pst</i>	protein amino acid phosphorylation	46	3.59	0.74306	0.94
5 d.p.i. <i>Pst</i>	protein folding	10	0.78	0.74929	0.93
5 d.p.i. <i>Pst</i>	mitochondrial transport	3	0.23	0.75293	1.12
5 d.p.i. <i>Pst</i>	RNA modification	3	0.23	0.75293	1.12
5 d.p.i. <i>Pst</i>	developmental growth involved in morphogenesis	6	0.47	0.75698	0.96
5 d.p.i. <i>Pst</i>	unidimensional cell growth	6	0.47	0.75698	0.96
5 d.p.i. <i>Pst</i>	alcohol biosynthetic process	2	0.16	0.75766	1.45
5 d.p.i. <i>Pst</i>	plant-type cell wall modification	2	0.16	0.75766	1.45
5 d.p.i. <i>Pst</i>	photosynthesis, light harvesting	2	0.16	0.75766	1.45
5 d.p.i. <i>Pst</i>	mitochondrion organization	2	0.16	0.75766	1.45
5 d.p.i. <i>Pst</i>	covalent chromatin modification	3	0.23	0.76195	1.10
5 d.p.i. <i>Pst</i>	tRNA processing	3	0.23	0.76195	1.10
5 d.p.i. <i>Pst</i>	mRNA metabolic process	6	0.47	0.76299	0.95
5 d.p.i. <i>Pst</i>	ncRNA processing	5	0.39	0.76742	0.96
5 d.p.i. <i>Pst</i>	post-embryonic organ development	6	0.47	0.76889	0.94
5 d.p.i. <i>Pst</i>	chromatin modification	6	0.47	0.76889	0.94
5 d.p.i. <i>Pst</i>	DNA methylation	2	0.16	0.76964	1.40
5 d.p.i. <i>Pst</i>	DNA alkylation	2	0.16	0.76964	1.40
5 d.p.i. <i>Pst</i>	chlorophyll biosynthetic process	2	0.16	0.76964	1.40
5 d.p.i. <i>Pst</i>	folic acid and derivative metabolic process	2	0.16	0.76964	1.40
5 d.p.i. <i>Pst</i>	posttranscriptional gene silencing by RNA	2	0.16	0.76964	1.40
5 d.p.i. <i>Pst</i>	response to auxin stimulus	11	0.86	0.76979	0.91
5 d.p.i. <i>Pst</i>	steroid metabolic process	3	0.23	0.77068	1.08
5 d.p.i. <i>Pst</i>	lipid biosynthetic process	16	1.25	0.77538	0.91
5 d.p.i. <i>Pst</i>	nucleobase, nucleoside, nucleotide and nucleic acid biosynthetic process	7	0.55	0.77739	0.92
5 d.p.i. <i>Pst</i>	nucleobase, nucleoside and nucleotide biosynthetic process	7	0.55	0.77739	0.92
5 d.p.i. <i>Pst</i>	phosphorylation	49	3.82	0.77849	0.93
5 d.p.i. <i>Pst</i>	amino acid transport	3	0.23	0.77913	1.07
5 d.p.i. <i>Pst</i>	oxidative phosphorylation	3	0.23	0.77913	1.07
5 d.p.i. <i>Pst</i>	peptide transport	3	0.23	0.77913	1.07
5 d.p.i. <i>Pst</i>	oligopeptide transport	3	0.23	0.77913	1.07
5 d.p.i. <i>Pst</i>	response to sucrose stimulus	2	0.16	0.78103	1.35
5 d.p.i. <i>Pst</i>	protein ubiquitination	5	0.39	0.78619	0.94
5 d.p.i. <i>Pst</i>	amine transport	3	0.23	0.78730	1.05
5 d.p.i. <i>Pst</i>	post-embryonic morphogenesis	3	0.23	0.78730	1.05
5 d.p.i. <i>Pst</i>	biopolymer methylation	3	0.23	0.78730	1.05
5 d.p.i. <i>Pst</i>	DNA modification	2	0.16	0.79185	1.31
5 d.p.i. <i>Pst</i>	response to disaccharide stimulus	2	0.16	0.79185	1.31

5 d.p.i. <i>Pst</i>	aspartate family amino acid metabolic process	3	0.23	0.79521	1.03
5 d.p.i. <i>Pst</i>	regulation of translation	2	0.16	0.80214	1.27
5 d.p.i. <i>Pst</i>	nucleocytoplasmic transport	3	0.23	0.80286	1.01
5 d.p.i. <i>Pst</i>	nuclear transport	3	0.23	0.80286	1.01
5 d.p.i. <i>Pst</i>	isoprenoid metabolic process	5	0.39	0.80373	0.91
5 d.p.i. <i>Pst</i>	protein modification by small protein conjugation	5	0.39	0.80931	0.90
5 d.p.i. <i>Pst</i>	pollen development	5	0.39	0.80931	0.90
5 d.p.i. <i>Pst</i>	heterocycle biosynthetic process	5	0.39	0.80931	0.90
5 d.p.i. <i>Pst</i>	sulfur amino acid metabolic process	3	0.23	0.81025	1.00
5 d.p.i. <i>Pst</i>	multidimensional cell growth	2	0.16	0.81193	1.23
5 d.p.i. <i>Pst</i>	reproductive process in a multicellular organism	2	0.16	0.81193	1.23
5 d.p.i. <i>Pst</i>	regulation of gene expression, epigenetic	4	0.31	0.81578	0.92
5 d.p.i. <i>Pst</i>	phosphate metabolic process	52	4.05	0.81686	0.91
5 d.p.i. <i>Pst</i>	phosphorus metabolic process	52	4.05	0.81686	0.91
5 d.p.i. <i>Pst</i>	tRNA aminoacylation	3	0.23	0.81740	0.98
5 d.p.i. <i>Pst</i>	amino acid activation	3	0.23	0.81740	0.98
5 d.p.i. <i>Pst</i>	tRNA aminoacylation for protein translation	3	0.23	0.81740	0.98
5 d.p.i. <i>Pst</i>	photosynthesis	5	0.39	0.82008	0.89
5 d.p.i. <i>Pst</i>	recognition of pollen	2	0.16	0.82123	1.19
5 d.p.i. <i>Pst</i>	cell-cell signaling	2	0.16	0.82123	1.19
5 d.p.i. <i>Pst</i>	cell recognition	2	0.16	0.82123	1.19
5 d.p.i. <i>Pst</i>	cell cycle	9	0.70	0.82717	0.86
5 d.p.i. <i>Pst</i>	multicellular organism reproduction	2	0.16	0.83007	1.16
5 d.p.i. <i>Pst</i>	cellulose biosynthetic process	2	0.16	0.83007	1.16
5 d.p.i. <i>Pst</i>	megagametogenesis	2	0.16	0.83007	1.16
5 d.p.i. <i>Pst</i>	photosynthesis, light reaction	3	0.23	0.83097	0.95
5 d.p.i. <i>Pst</i>	actin filament-based process	3	0.23	0.83097	0.95
5 d.p.i. <i>Pst</i>	methylation	3	0.23	0.83097	0.95
5 d.p.i. <i>Pst</i>	phenylpropanoid biosynthetic process	4	0.31	0.83311	0.89
5 d.p.i. <i>Pst</i>	ribonucleotide metabolic process	5	0.39	0.83530	0.87
5 d.p.i. <i>Pst</i>	phenylpropanoid metabolic process	5	0.39	0.84013	0.86
5 d.p.i. <i>Pst</i>	regionalization	3	0.23	0.84362	0.92
5 d.p.i. <i>Pst</i>	cellular respiration	3	0.23	0.84362	0.92
5 d.p.i. <i>Pst</i>	nucleotide biosynthetic process	6	0.47	0.84445	0.84
5 d.p.i. <i>Pst</i>	posttranscriptional gene silencing	2	0.16	0.84646	1.09
5 d.p.i. <i>Pst</i>	cellular amino acid catabolic process	2	0.16	0.84646	1.09
5 d.p.i. <i>Pst</i>	gene silencing by RNA	2	0.16	0.84646	1.09
5 d.p.i. <i>Pst</i>	aspartate family amino acid biosynthetic process	2	0.16	0.84646	1.09
5 d.p.i. <i>Pst</i>	developmental growth	6	0.47	0.84867	0.84
5 d.p.i. <i>Pst</i>	embryo sac development	3	0.23	0.84962	0.91
5 d.p.i. <i>Pst</i>	carbohydrate catabolic process	7	0.55	0.85001	0.83
5 d.p.i. <i>Pst</i>	regulation of cellular component size	8	0.62	0.85256	0.83
5 d.p.i. <i>Pst</i>	one-carbon metabolic process	4	0.31	0.85402	0.85
5 d.p.i. <i>Pst</i>	chlorophyll metabolic process	2	0.16	0.85406	1.07
5 d.p.i. <i>Pst</i>	isoprenoid biosynthetic process	4	0.31	0.85888	0.84
5 d.p.i. <i>Pst</i>	methionine metabolic process	2	0.16	0.86128	1.04
5 d.p.i. <i>Pst</i>	amine catabolic process	2	0.16	0.86128	1.04
5 d.p.i. <i>Pst</i>	regulation of cellular protein metabolic process	2	0.16	0.86814	1.01
5 d.p.i. <i>Pst</i>	trichome morphogenesis	2	0.16	0.86814	1.01

5 d.p.i. <i>Pst</i>	membrane organization	4	0.31	0.86817	0.83
5 d.p.i. <i>Pst</i>	epidermal cell differentiation	4	0.31	0.86817	0.83
5 d.p.i. <i>Pst</i>	response to light stimulus	15	1.17	0.87028	0.83
5 d.p.i. <i>Pst</i>	carboxylic acid catabolic process	3	0.23	0.87158	0.86
5 d.p.i. <i>Pst</i>	organic acid catabolic process	3	0.23	0.87158	0.86
5 d.p.i. <i>Pst</i>	phosphoinositide metabolic process	2	0.16	0.87467	0.99
5 d.p.i. <i>Pst</i>	developmental maturation	2	0.16	0.87467	0.99
5 d.p.i. <i>Pst</i>	dephosphorylation	3	0.23	0.87659	0.84
5 d.p.i. <i>Pst</i>	energy derivation by oxidation of organic compounds	3	0.23	0.87659	0.84
5 d.p.i. <i>Pst</i>	epidermis development	4	0.31	0.87692	0.81
5 d.p.i. <i>Pst</i>	ectoderm development	4	0.31	0.87692	0.81
5 d.p.i. <i>Pst</i>	protein modification by small protein conjugation or removal	5	0.39	0.87845	0.80
5 d.p.i. <i>Pst</i>	sulfur amino acid biosynthetic process	2	0.16	0.88087	0.96
5 d.p.i. <i>Pst</i>	porphyrin biosynthetic process	2	0.16	0.88087	0.96
5 d.p.i. <i>Pst</i>	hormone-mediated signaling	13	1.01	0.88161	0.81
5 d.p.i. <i>Pst</i>	cellular response to hormone stimulus	13	1.01	0.88161	0.81
5 d.p.i. <i>Pst</i>	monosaccharide metabolic process	6	0.47	0.88254	0.79
5 d.p.i. <i>Pst</i>	response to water	5	0.39	0.88580	0.78
5 d.p.i. <i>Pst</i>	lignin metabolic process	2	0.16	0.88677	0.94
5 d.p.i. <i>Pst</i>	chromatin organization	7	0.55	0.88776	0.78
5 d.p.i. <i>Pst</i>	tetrapyrrole biosynthetic process	2	0.16	0.89237	0.92
5 d.p.i. <i>Pst</i>	mitotic cell cycle	2	0.16	0.89237	0.92
5 d.p.i. <i>Pst</i>	glucan metabolic process	5	0.39	0.89276	0.77
5 d.p.i. <i>Pst</i>	hexose metabolic process	5	0.39	0.89610	0.77
5 d.p.i. <i>Pst</i>	reproductive cellular process	4	0.31	0.89657	0.77
5 d.p.i. <i>Pst</i>	serine family amino acid metabolic process	2	0.16	0.89770	0.90
5 d.p.i. <i>Pst</i>	di-, tri-valent inorganic cation transport	2	0.16	0.89770	0.90
5 d.p.i. <i>Pst</i>	regulation of cell size	7	0.55	0.89934	0.77
5 d.p.i. <i>Pst</i>	purine ribonucleotide biosynthetic process	4	0.31	0.90015	0.76
5 d.p.i. <i>Pst</i>	purine ribonucleotide metabolic process	4	0.31	0.90015	0.76
5 d.p.i. <i>Pst</i>	polysaccharide metabolic process	7	0.55	0.90207	0.76
5 d.p.i. <i>Pst</i>	cellular macromolecule localization	10	0.78	0.90492	0.77
5 d.p.i. <i>Pst</i>	response to radiation	15	1.17	0.90497	0.79
5 d.p.i. <i>Pst</i>	intracellular protein transport	9	0.70	0.90643	0.77
5 d.p.i. <i>Pst</i>	rRNA processing	2	0.16	0.90758	0.86
5 d.p.i. <i>Pst</i>	cellular metabolic compound salvage	2	0.16	0.90758	0.86
5 d.p.i. <i>Pst</i>	secretion	2	0.16	0.90758	0.86
5 d.p.i. <i>Pst</i>	secretion by cell	2	0.16	0.90758	0.86
5 d.p.i. <i>Pst</i>	rRNA metabolic process	2	0.16	0.90758	0.86
5 d.p.i. <i>Pst</i>	metal ion transport	7	0.55	0.90988	0.75
5 d.p.i. <i>Pst</i>	pattern specification process	3	0.23	0.91062	0.76
5 d.p.i. <i>Pst</i>	sexual reproduction	2	0.16	0.91215	0.84
5 d.p.i. <i>Pst</i>	protein targeting	4	0.31	0.91336	0.74
5 d.p.i. <i>Pst</i>	phospholipid metabolic process	4	0.31	0.91336	0.74
5 d.p.i. <i>Pst</i>	gametophyte development	6	0.47	0.91496	0.74
5 d.p.i. <i>Pst</i>	establishment of protein localization	16	1.25	0.91802	0.78
5 d.p.i. <i>Pst</i>	protein transport	16	1.25	0.91802	0.78
5 d.p.i. <i>Pst</i>	purine nucleotide biosynthetic process	4	0.31	0.91936	0.72
5 d.p.i. <i>Pst</i>	response to oxidative stress	8	0.62	0.92014	0.74

5 d.p.i. <i>Pst</i>	response to nematode	2	0.16	0.92064	0.81
5 d.p.i. <i>Pst</i>	nucleoside metabolic process	2	0.16	0.92457	0.79
5 d.p.i. <i>Pst</i>	transition metal ion transport	2	0.16	0.92457	0.79
5 d.p.i. <i>Pst</i>	translation	17	1.33	0.92630	0.78
5 d.p.i. <i>Pst</i>	RNA processing	12	0.94	0.92650	0.75
5 d.p.i. <i>Pst</i>	cellular protein localization	9	0.70	0.92740	0.73
5 d.p.i. <i>Pst</i>	purine nucleotide metabolic process	4	0.31	0.92764	0.70
5 d.p.i. <i>Pst</i>	DNA replication	4	0.31	0.92764	0.70
5 d.p.i. <i>Pst</i>	ribonucleotide biosynthetic process	4	0.31	0.92764	0.70
5 d.p.i. <i>Pst</i>	cofactor biosynthetic process	5	0.39	0.92957	0.70
5 d.p.i. <i>Pst</i>	leaf development	5	0.39	0.92957	0.70
5 d.p.i. <i>Pst</i>	intracellular transport	13	1.01	0.93070	0.75
5 d.p.i. <i>Pst</i>	response to light intensity	2	0.16	0.93186	0.76
5 d.p.i. <i>Pst</i>	trichome differentiation	2	0.16	0.93186	0.76
5 d.p.i. <i>Pst</i>	hair cell differentiation	2	0.16	0.93186	0.76
5 d.p.i. <i>Pst</i>	enzyme linked receptor protein signaling pathway	4	0.31	0.93272	0.69
5 d.p.i. <i>Pst</i>	transmembrane receptor protein tyrosine kinase signaling pathway	4	0.31	0.93272	0.69
5 d.p.i. <i>Pst</i>	floral organ development	3	0.23	0.93298	0.70
5 d.p.i. <i>Pst</i>	organophosphate metabolic process	4	0.31	0.93514	0.69
5 d.p.i. <i>Pst</i>	porphyrin metabolic process	2	0.16	0.93523	0.75
5 d.p.i. <i>Pst</i>	tetrapyrrole metabolic process	2	0.16	0.93523	0.75
5 d.p.i. <i>Pst</i>	chloroplast organization	2	0.16	0.93523	0.75
5 d.p.i. <i>Pst</i>	flower development	6	0.47	0.93535	0.70
5 d.p.i. <i>Pst</i>	cell growth	6	0.47	0.93535	0.70
5 d.p.i. <i>Pst</i>	auxin mediated signaling pathway	3	0.23	0.93571	0.69
5 d.p.i. <i>Pst</i>	plastid organization	3	0.23	0.93833	0.68
5 d.p.i. <i>Pst</i>	cell surface receptor linked signal transduction	5	0.39	0.93835	0.68
5 d.p.i. <i>Pst</i>	negative regulation of catalytic activity	2	0.16	0.93844	0.74
5 d.p.i. <i>Pst</i>	pollination	4	0.31	0.93973	0.67
5 d.p.i. <i>Pst</i>	protein localization	16	1.25	0.94099	0.76
5 d.p.i. <i>Pst</i>	glycerophospholipid metabolic process	2	0.16	0.94149	0.72
5 d.p.i. <i>Pst</i>	leaf morphogenesis	3	0.23	0.94327	0.67
5 d.p.i. <i>Pst</i>	cell morphogenesis involved in differentiation	3	0.23	0.94327	0.67
5 d.p.i. <i>Pst</i>	response to water deprivation	4	0.31	0.94402	0.66
5 d.p.i. <i>Pst</i>	gene silencing	2	0.16	0.94439	0.71
5 d.p.i. <i>Pst</i>	Golgi vesicle transport	2	0.16	0.94439	0.71
5 d.p.i. <i>Pst</i>	abscisic acid mediated signaling	2	0.16	0.94977	0.69
5 d.p.i. <i>Pst</i>	negative regulation of molecular function	2	0.16	0.94977	0.69
5 d.p.i. <i>Pst</i>	organelle fission	2	0.16	0.94977	0.69
5 d.p.i. <i>Pst</i>	response to cytokinin stimulus	2	0.16	0.94977	0.69
5 d.p.i. <i>Pst</i>	cytoskeleton organization	3	0.23	0.94998	0.65
5 d.p.i. <i>Pst</i>	cation transport	10	0.78	0.95022	0.70
5 d.p.i. <i>Pst</i>	response to heat	3	0.23	0.95402	0.63
5 d.p.i. <i>Pst</i>	protein localization in organelle	2	0.16	0.95463	0.66
5 d.p.i. <i>Pst</i>	shoot morphogenesis	4	0.31	0.95525	0.63
5 d.p.i. <i>Pst</i>	phyllome development	5	0.39	0.95611	0.64
5 d.p.i. <i>Pst</i>	chromatin assembly or disassembly	2	0.16	0.95688	0.65
5 d.p.i. <i>Pst</i>	cell tip growth	2	0.16	0.95688	0.65
5 d.p.i. <i>Pst</i>	glycerolipid metabolic process	2	0.16	0.95901	0.64

5 d.p.i. <i>Pst</i>	generation of precursor metabolites and energy	10	0.78	0.96176	0.68
5 d.p.i. <i>Pst</i>	chromosome organization	7	0.55	0.96375	0.64
5 d.p.i. <i>Pst</i>	cell wall biogenesis	2	0.16	0.96656	0.60
5 d.p.i. <i>Pst</i>	shoot development	7	0.55	0.96797	0.63
5 d.p.i. <i>Pst</i>	root system development	5	0.39	0.96905	0.60
5 d.p.i. <i>Pst</i>	root development	5	0.39	0.96905	0.60
5 d.p.i. <i>Pst</i>	shoot system development	7	0.55	0.96991	0.63
5 d.p.i. <i>Pst</i>	cellular glucan metabolic process	3	0.23	0.96998	0.57
5 d.p.i. <i>Pst</i>	growth	6	0.47	0.97198	0.61
5 d.p.i. <i>Pst</i>	microtubule-based movement	2	0.16	0.97272	0.57
5 d.p.i. <i>Pst</i>	glucan biosynthetic process	2	0.16	0.97407	0.56
5 d.p.i. <i>Pst</i>	root morphogenesis	2	0.16	0.97990	0.53
5 d.p.i. <i>Pst</i>	DNA metabolic process	10	0.78	0.98084	0.63
5 d.p.i. <i>Pst</i>	defense response, incompatible interaction	2	0.16	0.98275	0.51
5 d.p.i. <i>Pst</i>	cell cycle process	3	0.23	0.98293	0.51
5 d.p.i. <i>Pst</i>	cofactor metabolic process	7	0.55	0.98362	0.58
5 d.p.i. <i>Pst</i>	post-embryonic development	24	1.87	0.98382	0.71
5 d.p.i. <i>Pst</i>	cellular carbohydrate catabolic process	3	0.23	0.98503	0.50
5 d.p.i. <i>Pst</i>	coenzyme biosynthetic process	2	0.16	0.98519	0.49
5 d.p.i. <i>Pst</i>	monovalent inorganic cation transport	3	0.23	0.98630	0.49
5 d.p.i. <i>Pst</i>	ATP metabolic process	2	0.16	0.98729	0.47
5 d.p.i. <i>Pst</i>	ATP biosynthetic process	2	0.16	0.98729	0.47
5 d.p.i. <i>Pst</i>	ribosome biogenesis	3	0.23	0.98745	0.48
5 d.p.i. <i>Pst</i>	lipid catabolic process	4	0.31	0.98763	0.50
5 d.p.i. <i>Pst</i>	RNA splicing	2	0.16	0.98852	0.46
5 d.p.i. <i>Pst</i>	vesicle-mediated transport	7	0.55	0.98900	0.55
5 d.p.i. <i>Pst</i>	DNA repair	4	0.31	0.98988	0.49
5 d.p.i. <i>Pst</i>	purine ribonucleoside triphosphate metabolic process	2	0.16	0.99015	0.44
5 d.p.i. <i>Pst</i>	ribonucleoside triphosphate biosynthetic process	2	0.16	0.99015	0.44
5 d.p.i. <i>Pst</i>	purine ribonucleoside triphosphate biosynthetic process	2	0.16	0.99015	0.44
5 d.p.i. <i>Pst</i>	ribonucleoside triphosphate metabolic process	2	0.16	0.99015	0.44
5 d.p.i. <i>Pst</i>	purine nucleoside triphosphate biosynthetic process	2	0.16	0.99015	0.44
5 d.p.i. <i>Pst</i>	purine nucleoside triphosphate metabolic process	2	0.16	0.99015	0.44
5 d.p.i. <i>Pst</i>	cellular polysaccharide metabolic process	3	0.23	0.99038	0.46
5 d.p.i. <i>Pst</i>	ribonucleoprotein complex biogenesis	3	0.23	0.99038	0.46
5 d.p.i. <i>Pst</i>	nucleoside triphosphate biosynthetic process	2	0.16	0.99064	0.44
5 d.p.i. <i>Pst</i>	negative regulation of gene expression	2	0.16	0.99064	0.44
5 d.p.i. <i>Pst</i>	nucleoside triphosphate metabolic process	2	0.16	0.99111	0.44
5 d.p.i. <i>Pst</i>	coenzyme metabolic process	4	0.31	0.99174	0.47
5 d.p.i. <i>Pst</i>	cellular polysaccharide biosynthetic process	2	0.16	0.99237	0.42
5 d.p.i. <i>Pst</i>	response to DNA damage stimulus	4	0.31	0.99239	0.47
5 d.p.i. <i>Pst</i>	polysaccharide biosynthetic process	2	0.16	0.99378	0.40
5 d.p.i. <i>Pst</i>	negative regulation of macromolecule metabolic process	2	0.16	0.99493	0.39
5 d.p.i. <i>Pst</i>	embryonic development ending in seed dormancy	8	0.62	0.99563	0.52
5 d.p.i. <i>Pst</i>	microtubule-based process	2	0.16	0.99627	0.37
5 d.p.i. <i>Pst</i>	seed development	9	0.70	0.99748	0.51
5 d.p.i. <i>Pst</i>	reproductive structure development	17	1.33	0.99791	0.58
5 d.p.i. <i>Pst</i>	fruit development	9	0.70	0.99848	0.49
5 d.p.i. <i>Pst</i>	reproductive developmental process	18	1.40	0.99928	0.56

5 d.p.i. <i>Pst</i>	protein complex biogenesis	2	0.16	0.99961	0.26
5 d.p.i. <i>Pst</i>	protein complex assembly	2	0.16	0.99961	0.26
5 d.p.i. <i>Pst</i>	macromolecular complex assembly	3	0.23	0.99976	0.29
5 d.p.i. <i>Pst</i>	macromolecular complex subunit organization	3	0.23	0.99988	0.27
5 d.p.i. <i>Pst(avr)</i>	regulation of transcription	181	8.19	0.00058	1.25
5 d.p.i. <i>Pst(avr)</i>	lipid transport	21	0.95	0.00101	2.22
5 d.p.i. <i>Pst(avr)</i>	lipid localization	21	0.95	0.00277	2.04
5 d.p.i. <i>Pst(avr)</i>	regulation of transcription, DNA-dependent	99	4.48	0.01020	1.27
5 d.p.i. <i>Pst(avr)</i>	regulation of RNA metabolic process	99	4.48	0.01168	1.26
5 d.p.i. <i>Pst(avr)</i>	post-embryonic organ development	21	0.95	0.01884	1.72
5 d.p.i. <i>Pst(avr)</i>	root morphogenesis	14	0.63	0.02058	2.00
5 d.p.i. <i>Pst(avr)</i>	killing of cells of another organism	30	1.36	0.02264	1.52
5 d.p.i. <i>Pst(avr)</i>	cell killing	30	1.36	0.02264	1.52
5 d.p.i. <i>Pst(avr)</i>	plant-type cell wall organization	11	0.50	0.02955	2.14
5 d.p.i. <i>Pst(avr)</i>	defense response	91	4.12	0.02967	1.22
5 d.p.i. <i>Pst(avr)</i>	glycoside biosynthetic process	11	0.50	0.03287	2.10
5 d.p.i. <i>Pst(avr)</i>	lateral root development	9	0.41	0.03700	2.31
5 d.p.i. <i>Pst(avr)</i>	glycoside metabolic process	13	0.59	0.03719	1.91
5 d.p.i. <i>Pst(avr)</i>	purine nucleotide biosynthetic process	17	0.77	0.04006	1.70
5 d.p.i. <i>Pst(avr)</i>	integument development	3	0.14	0.04159	8.47
5 d.p.i. <i>Pst(avr)</i>	transcription	110	4.98	0.04205	1.18
5 d.p.i. <i>Pst(avr)</i>	leaf vascular tissue pattern formation	5	0.23	0.04689	3.53
5 d.p.i. <i>Pst(avr)</i>	purine nucleotide metabolic process	17	0.77	0.04914	1.65
5 d.p.i. <i>Pst(avr)</i>	purine ribonucleotide metabolic process	16	0.72	0.04932	1.69
5 d.p.i. <i>Pst(avr)</i>	purine ribonucleotide biosynthetic process	16	0.72	0.04932	1.69
5 d.p.i. <i>Pst(avr)</i>	response to jasmonic acid stimulus	18	0.81	0.05191	1.61
5 d.p.i. <i>Pst(avr)</i>	post-embryonic root development	9	0.41	0.05785	2.12
5 d.p.i. <i>Pst(avr)</i>	purine nucleoside triphosphate biosynthetic process	14	0.63	0.06089	1.72
5 d.p.i. <i>Pst(avr)</i>	purine ribonucleoside triphosphate metabolic process	14	0.63	0.06089	1.72
5 d.p.i. <i>Pst(avr)</i>	purine ribonucleoside triphosphate biosynthetic process	14	0.63	0.06089	1.72
5 d.p.i. <i>Pst(avr)</i>	purine nucleoside triphosphate metabolic process	14	0.63	0.06089	1.72
5 d.p.i. <i>Pst(avr)</i>	ribonucleoside triphosphate biosynthetic process	14	0.63	0.06089	1.72
5 d.p.i. <i>Pst(avr)</i>	ribonucleoside triphosphate metabolic process	14	0.63	0.06089	1.72
5 d.p.i. <i>Pst(avr)</i>	response to salicylic acid stimulus	17	0.77	0.06335	1.60
5 d.p.i. <i>Pst(avr)</i>	nucleoside triphosphate biosynthetic process	14	0.63	0.06533	1.70
5 d.p.i. <i>Pst(avr)</i>	defense response to fungus	36	1.63	0.06740	1.33
5 d.p.i. <i>Pst(avr)</i>	purine transport	5	0.23	0.06854	3.14
5 d.p.i. <i>Pst(avr)</i>	nucleoside triphosphate metabolic process	14	0.63	0.06998	1.68
5 d.p.i. <i>Pst(avr)</i>	nucleobase transport	5	0.23	0.08099	2.97
5 d.p.i. <i>Pst(avr)</i>	response to fungus	39	1.77	0.08189	1.30
5 d.p.i. <i>Pst(avr)</i>	ribonucleotide biosynthetic process	16	0.72	0.08686	1.56
5 d.p.i. <i>Pst(avr)</i>	trichoblast differentiation	7	0.32	0.09376	2.20
5 d.p.i. <i>Pst(avr)</i>	ribonucleotide metabolic process	16	0.72	0.09716	1.53
5 d.p.i. <i>Pst(avr)</i>	innate immune response	29	1.31	0.10701	1.32
5 d.p.i. <i>Pst(avr)</i>	response to oxidative stress	27	1.22	0.10737	1.34
5 d.p.i. <i>Pst(avr)</i>	cell wall organization	26	1.18	0.10740	1.35
5 d.p.i. <i>Pst(avr)</i>	plant-type cell wall loosening	5	0.23	0.10893	2.69
5 d.p.i. <i>Pst(avr)</i>	ubiquinone metabolic process	3	0.14	0.12187	4.84
5 d.p.i. <i>Pst(avr)</i>	ubiquinone biosynthetic process	3	0.14	0.12187	4.84

5 d.p.i. <i>Pst(avr)</i>	glucosinolate metabolic process	7	0.32	0.12608	2.03
5 d.p.i. <i>Pst(avr)</i>	S-glycoside metabolic process	7	0.32	0.12608	2.03
5 d.p.i. <i>Pst(avr)</i>	glycosinolate metabolic process	7	0.32	0.12608	2.03
5 d.p.i. <i>Pst(avr)</i>	response to drug	11	0.50	0.13200	1.63
5 d.p.i. <i>Pst(avr)</i>	drug transport	11	0.50	0.13200	1.63
5 d.p.i. <i>Pst(avr)</i>	androecium development	6	0.27	0.13415	2.19
5 d.p.i. <i>Pst(avr)</i>	stamen development	6	0.27	0.13415	2.19
5 d.p.i. <i>Pst(avr)</i>	root system development	21	0.95	0.13584	1.36
5 d.p.i. <i>Pst(avr)</i>	root development	21	0.95	0.13584	1.36
5 d.p.i. <i>Pst(avr)</i>	immune response	30	1.36	0.13976	1.27
5 d.p.i. <i>Pst(avr)</i>	meristem development	11	0.50	0.14044	1.61
5 d.p.i. <i>Pst(avr)</i>	ATP metabolic process	12	0.54	0.14453	1.56
5 d.p.i. <i>Pst(avr)</i>	ATP biosynthetic process	12	0.54	0.14453	1.56
5 d.p.i. <i>Pst(avr)</i>	root epidermal cell differentiation	7	0.32	0.15025	1.93
5 d.p.i. <i>Pst(avr)</i>	carpel development	7	0.32	0.15025	1.93
5 d.p.i. <i>Pst(avr)</i>	response to zinc ion	3	0.14	0.15331	4.23
5 d.p.i. <i>Pst(avr)</i>	lateral root primordium development	3	0.14	0.15331	4.23
5 d.p.i. <i>Pst(avr)</i>	root hair cell differentiation	6	0.27	0.16271	2.05
5 d.p.i. <i>Pst(avr)</i>	trichoblast maturation	6	0.27	0.16271	2.05
5 d.p.i. <i>Pst(avr)</i>	cell maturation	6	0.27	0.16271	2.05
5 d.p.i. <i>Pst(avr)</i>	xylem and phloem pattern formation	6	0.27	0.16271	2.05
5 d.p.i. <i>Pst(avr)</i>	disaccharide biosynthetic process	6	0.27	0.16271	2.05
5 d.p.i. <i>Pst(avr)</i>	regulation of growth	7	0.32	0.16305	1.88
5 d.p.i. <i>Pst(avr)</i>	regionalization	10	0.45	0.16335	1.61
5 d.p.i. <i>Pst(avr)</i>	external encapsulating structure organization	26	1.18	0.16985	1.27
5 d.p.i. <i>Pst(avr)</i>	multidrug transport	10	0.45	0.17340	1.59
5 d.p.i. <i>Pst(avr)</i>	meristem maintenance	7	0.32	0.17631	1.84
5 d.p.i. <i>Pst(avr)</i>	multidimensional cell growth	6	0.27	0.17783	1.99
5 d.p.i. <i>Pst(avr)</i>	regulation of hormone levels	13	0.59	0.18060	1.45
5 d.p.i. <i>Pst(avr)</i>	plant-type spore development	4	0.18	0.18595	2.66
5 d.p.i. <i>Pst(avr)</i>	inorganic anion transport	7	0.32	0.18998	1.80
5 d.p.i. <i>Pst(avr)</i>	floral organ development	12	0.54	0.19782	1.46
5 d.p.i. <i>Pst(avr)</i>	hormone metabolic process	9	0.41	0.20229	1.59
5 d.p.i. <i>Pst(avr)</i>	plant-type cell wall modification during multidimensional cell growth	4	0.18	0.20944	2.51
5 d.p.i. <i>Pst(avr)</i>	zinc ion transport	4	0.18	0.20944	2.51
5 d.p.i. <i>Pst(avr)</i>	transition metal ion transport	8	0.36	0.21041	1.64
5 d.p.i. <i>Pst(avr)</i>	nucleotide biosynthetic process	17	0.77	0.21138	1.32
5 d.p.i. <i>Pst(avr)</i>	regulation of developmental growth	5	0.23	0.21259	2.09
5 d.p.i. <i>Pst(avr)</i>	S-glycoside biosynthetic process	5	0.23	0.21259	2.09
5 d.p.i. <i>Pst(avr)</i>	plant-type cell wall modification	5	0.23	0.21259	2.09
5 d.p.i. <i>Pst(avr)</i>	glucosinolate biosynthetic process	5	0.23	0.21259	2.09
5 d.p.i. <i>Pst(avr)</i>	glycosinolate biosynthetic process	5	0.23	0.21259	2.09
5 d.p.i. <i>Pst(avr)</i>	cellular carbohydrate biosynthetic process	20	0.91	0.21261	1.28
5 d.p.i. <i>Pst(avr)</i>	nucleobase, nucleoside, nucleotide and nucleic acid biosynthetic process	18	0.81	0.21715	1.30
5 d.p.i. <i>Pst(avr)</i>	nucleobase, nucleoside and nucleotide biosynthetic process	18	0.81	0.21715	1.30
5 d.p.i. <i>Pst(avr)</i>	response to endogenous stimulus	74	3.35	0.21773	1.11
5 d.p.i. <i>Pst(avr)</i>	gynoecium development	7	0.32	0.21847	1.72
5 d.p.i. <i>Pst(avr)</i>	oligosaccharide biosynthetic process	6	0.27	0.22602	1.83
5 d.p.i. <i>Pst(avr)</i>	response to gibberellin stimulus	11	0.50	0.22780	1.44

5 d.p.i. <i>Pst(avr)</i>	cell wall modification during multidimensional cell growth	4	0.18	0.23352	2.38
5 d.p.i. <i>Pst(avr)</i>	regulation of meristem growth	4	0.18	0.23352	2.38
5 d.p.i. <i>Pst(avr)</i>	iron ion transport	4	0.18	0.23352	2.38
5 d.p.i. <i>Pst(avr)</i>	pattern specification process	11	0.50	0.23862	1.43
5 d.p.i. <i>Pst(avr)</i>	sepal development	2	0.09	0.24268	7.53
5 d.p.i. <i>Pst(avr)</i>	calyx development	2	0.09	0.24268	7.53
5 d.p.i. <i>Pst(avr)</i>	inositol phosphate dephosphorylation	2	0.09	0.24268	7.53
5 d.p.i. <i>Pst(avr)</i>	phosphorylated carbohydrate dephosphorylation	2	0.09	0.24268	7.53
5 d.p.i. <i>Pst(avr)</i>	response to blue light	7	0.32	0.24828	1.65
5 d.p.i. <i>Pst(avr)</i>	meiotic cell cycle	8	0.36	0.25070	1.56
5 d.p.i. <i>Pst(avr)</i>	positive regulation of RNA metabolic process	4	0.18	0.25806	2.26
5 d.p.i. <i>Pst(avr)</i>	post-embryonic root morphogenesis	4	0.18	0.25806	2.26
5 d.p.i. <i>Pst(avr)</i>	response to ozone	4	0.18	0.25806	2.26
5 d.p.i. <i>Pst(avr)</i>	lateral root morphogenesis	4	0.18	0.25806	2.26
5 d.p.i. <i>Pst(avr)</i>	ATP synthesis coupled proton transport	6	0.27	0.26006	1.74
5 d.p.i. <i>Pst(avr)</i>	energy coupled proton transport, down electrochemical gradient	6	0.27	0.26006	1.74
5 d.p.i. <i>Pst(avr)</i>	transmembrane transport	19	0.86	0.26126	1.25
5 d.p.i. <i>Pst(avr)</i>	response to wounding	14	0.63	0.26251	1.32
5 d.p.i. <i>Pst(avr)</i>	floral whorl development	10	0.45	0.26277	1.43
5 d.p.i. <i>Pst(avr)</i>	response to salt stress	32	1.45	0.26712	1.17
5 d.p.i. <i>Pst(avr)</i>	DNA methylation	5	0.23	0.27200	1.88
5 d.p.i. <i>Pst(avr)</i>	DNA alkylation	5	0.23	0.27200	1.88
5 d.p.i. <i>Pst(avr)</i>	response to red or far red light	16	0.72	0.27355	1.27
5 d.p.i. <i>Pst(avr)</i>	photomorphogenesis	6	0.27	0.27751	1.69
5 d.p.i. <i>Pst(avr)</i>	cotyledon development	4	0.18	0.28292	2.15
5 d.p.i. <i>Pst(avr)</i>	response to heat	11	0.50	0.28359	1.36
5 d.p.i. <i>Pst(avr)</i>	response to auxin stimulus	27	1.22	0.28392	1.17
5 d.p.i. <i>Pst(avr)</i>	sucrose biosynthetic process	3	0.14	0.28779	2.82
5 d.p.i. <i>Pst(avr)</i>	phosphate transport	3	0.14	0.28779	2.82
5 d.p.i. <i>Pst(avr)</i>	disaccharide metabolic process	6	0.27	0.29518	1.65
5 d.p.i. <i>Pst(avr)</i>	nucleobase, nucleoside, nucleotide and nucleic acid transport	6	0.27	0.29518	1.65
5 d.p.i. <i>Pst(avr)</i>	intracellular signaling cascade	62	2.81	0.30554	1.09
5 d.p.i. <i>Pst(avr)</i>	protein amino acid autophosphorylation	4	0.18	0.30796	2.05
5 d.p.i. <i>Pst(avr)</i>	root hair elongation	4	0.18	0.30796	2.05
5 d.p.i. <i>Pst(avr)</i>	inner mitochondrial membrane organization	2	0.09	0.30970	5.64
5 d.p.i. <i>Pst(avr)</i>	protein import into mitochondrial inner membrane	2	0.09	0.30970	5.64
5 d.p.i. <i>Pst(avr)</i>	determination of bilateral symmetry	2	0.09	0.30970	5.64
5 d.p.i. <i>Pst(avr)</i>	threonyl-tRNA aminoacylation	2	0.09	0.30970	5.64
5 d.p.i. <i>Pst(avr)</i>	response to nematode	7	0.32	0.31083	1.52
5 d.p.i. <i>Pst(avr)</i>	defense response, incompatible interaction	10	0.45	0.31203	1.36
5 d.p.i. <i>Pst(avr)</i>	meristem structural organization	5	0.23	0.31303	1.76
5 d.p.i. <i>Pst(avr)</i>	DNA modification	5	0.23	0.31303	1.76
5 d.p.i. <i>Pst(avr)</i>	cell wall modification	11	0.50	0.31877	1.32
5 d.p.i. <i>Pst(avr)</i>	response to organic substance	87	3.94	0.32115	1.07
5 d.p.i. <i>Pst(avr)</i>	developmental maturation	6	0.27	0.33103	1.58
5 d.p.i. <i>Pst(avr)</i>	membrane organization	11	0.50	0.34274	1.29
5 d.p.i. <i>Pst(avr)</i>	ion transmembrane transport	6	0.27	0.34911	1.54
5 d.p.i. <i>Pst(avr)</i>	membrane lipid metabolic process	5	0.23	0.35456	1.66
5 d.p.i. <i>Pst(avr)</i>	reciprocal meiotic recombination	3	0.14	0.35522	2.42

5 d.p.i. <i>Pst(avr)</i>	triterpenoid metabolic process	3	0.14	0.35522	2.42
5 d.p.i. <i>Pst(avr)</i>	negative regulation of cell differentiation	4	0.18	0.35815	1.88
5 d.p.i. <i>Pst(avr)</i>	oxylipin biosynthetic process	4	0.18	0.35815	1.88
5 d.p.i. <i>Pst(avr)</i>	response to hormone stimulus	66	2.99	0.36167	1.07
5 d.p.i. <i>Pst(avr)</i>	carbohydrate biosynthetic process	23	1.04	0.36685	1.14
5 d.p.i. <i>Pst(avr)</i>	GTP biosynthetic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	pyrimidine ribonucleoside triphosphate metabolic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	CTP metabolic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	pyrimidine ribonucleoside triphosphate biosynthetic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	UTP metabolic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	GTP metabolic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	CTP biosynthetic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	determination of symmetry	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	UTP biosynthetic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	pathogenesis	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	pyrimidine nucleoside triphosphate biosynthetic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	xyloglucan biosynthetic process	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	chiasma formation	2	0.09	0.37081	4.52
5 d.p.i. <i>Pst(avr)</i>	epidermal cell differentiation	11	0.50	0.37919	1.25
5 d.p.i. <i>Pst(avr)</i>	glucan metabolic process	14	0.63	0.38536	1.20
5 d.p.i. <i>Pst(avr)</i>	flavonoid metabolic process	6	0.27	0.38539	1.47
5 d.p.i. <i>Pst(avr)</i>	microsporogenesis	3	0.14	0.38812	2.26
5 d.p.i. <i>Pst(avr)</i>	proteasomal protein catabolic process	3	0.14	0.38812	2.26
5 d.p.i. <i>Pst(avr)</i>	apocarotenoid metabolic process	3	0.14	0.38812	2.26
5 d.p.i. <i>Pst(avr)</i>	abscisic acid metabolic process	3	0.14	0.38812	2.26
5 d.p.i. <i>Pst(avr)</i>	cell cycle	22	1.00	0.39074	1.13
5 d.p.i. <i>Pst(avr)</i>	proton transport	7	0.32	0.39190	1.39
5 d.p.i. <i>Pst(avr)</i>	hydrogen transport	7	0.32	0.39190	1.39
5 d.p.i. <i>Pst(avr)</i>	auxin metabolic process	5	0.23	0.39607	1.57
5 d.p.i. <i>Pst(avr)</i>	anatomical structure arrangement	5	0.23	0.39607	1.57
5 d.p.i. <i>Pst(avr)</i>	epidermis development	11	0.50	0.40368	1.23
5 d.p.i. <i>Pst(avr)</i>	ectoderm development	11	0.50	0.40368	1.23
5 d.p.i. <i>Pst(avr)</i>	response to osmotic stress	32	1.45	0.40703	1.09
5 d.p.i. <i>Pst(avr)</i>	oxylipin metabolic process	4	0.18	0.40779	1.74
5 d.p.i. <i>Pst(avr)</i>	salicylic acid mediated signaling pathway	4	0.18	0.40779	1.74
5 d.p.i. <i>Pst(avr)</i>	oxidative phosphorylation	7	0.32	0.40819	1.36
5 d.p.i. <i>Pst(avr)</i>	hydrogen peroxide catabolic process	8	0.36	0.41131	1.31
5 d.p.i. <i>Pst(avr)</i>	anion transport	8	0.36	0.41131	1.31
5 d.p.i. <i>Pst(avr)</i>	cellular response to hydrogen peroxide	8	0.36	0.41131	1.31
5 d.p.i. <i>Pst(avr)</i>	response to hydrogen peroxide	10	0.45	0.41493	1.24
5 d.p.i. <i>Pst(avr)</i>	hormone biosynthetic process	5	0.23	0.41669	1.53
5 d.p.i. <i>Pst(avr)</i>	quinone cofactor biosynthetic process	3	0.14	0.42024	2.12
5 d.p.i. <i>Pst(avr)</i>	quinone cofactor metabolic process	3	0.14	0.42024	2.12
5 d.p.i. <i>Pst(avr)</i>	inositol trisphosphate metabolic process	2	0.09	0.42650	3.76
5 d.p.i. <i>Pst(avr)</i>	pyrimidine nucleoside triphosphate metabolic process	2	0.09	0.42650	3.76
5 d.p.i. <i>Pst(avr)</i>	RNA splicing, via endonucleolytic cleavage and ligation	2	0.09	0.42650	3.76
5 d.p.i. <i>Pst(avr)</i>	cellular response to sulfate starvation	2	0.09	0.42650	3.76
5 d.p.i. <i>Pst(avr)</i>	membrane lipid catabolic process	2	0.09	0.42650	3.76
5 d.p.i. <i>Pst(avr)</i>	radial pattern formation	2	0.09	0.42650	3.76

5 d.p.i. <i>Pst(avr)</i>	DNA methylation on cytosine	2	0.09	0.42650	3.76
5 d.p.i. <i>Pst(avr)</i>	phagocytosis	2	0.09	0.42650	3.76
5 d.p.i. <i>Pst(avr)</i>	sulfur compound biosynthetic process	10	0.45	0.42792	1.23
5 d.p.i. <i>Pst(avr)</i>	sterol biosynthetic process	4	0.18	0.43219	1.67
5 d.p.i. <i>Pst(avr)</i>	cellular hormone metabolic process	4	0.18	0.43219	1.67
5 d.p.i. <i>Pst(avr)</i>	cellular response to phosphate starvation	4	0.18	0.43219	1.67
5 d.p.i. <i>Pst(avr)</i>	aromatic compound biosynthetic process	17	0.77	0.43632	1.13
5 d.p.i. <i>Pst(avr)</i>	oligosaccharide metabolic process	6	0.27	0.43950	1.38
5 d.p.i. <i>Pst(avr)</i>	dephosphorylation	8	0.36	0.44108	1.27
5 d.p.i. <i>Pst(avr)</i>	fatty acid biosynthetic process	14	0.63	0.44927	1.15
5 d.p.i. <i>Pst(avr)</i>	sucrose metabolic process	3	0.14	0.45148	1.99
5 d.p.i. <i>Pst(avr)</i>	jasmonic acid biosynthetic process	3	0.14	0.45148	1.99
5 d.p.i. <i>Pst(avr)</i>	DNA endoreduplication	3	0.14	0.45148	1.99
5 d.p.i. <i>Pst(avr)</i>	positive regulation of transcription, DNA-dependent	3	0.14	0.45148	1.99
5 d.p.i. <i>Pst(avr)</i>	auxin mediated signaling pathway	10	0.45	0.45381	1.20
5 d.p.i. <i>Pst(avr)</i>	hydrogen peroxide metabolic process	8	0.36	0.45588	1.25
5 d.p.i. <i>Pst(avr)</i>	pollen-pistil interaction	5	0.23	0.45737	1.45
5 d.p.i. <i>Pst(avr)</i>	flower development	18	0.81	0.46331	1.10
5 d.p.i. <i>Pst(avr)</i>	photosynthesis	12	0.54	0.47472	1.15
5 d.p.i. <i>Pst(avr)</i>	response to UV	6	0.27	0.47497	1.33
5 d.p.i. <i>Pst(avr)</i>	thiamin biosynthetic process	2	0.09	0.47728	3.23
5 d.p.i. <i>Pst(avr)</i>	monosaccharide transport	2	0.09	0.47728	3.23
5 d.p.i. <i>Pst(avr)</i>	cadmium ion transport	2	0.09	0.47728	3.23
5 d.p.i. <i>Pst(avr)</i>	glyoxylate cycle	2	0.09	0.47728	3.23
5 d.p.i. <i>Pst(avr)</i>	mitochondrial membrane organization	2	0.09	0.47728	3.23
5 d.p.i. <i>Pst(avr)</i>	cytokinesis	5	0.23	0.47736	1.41
5 d.p.i. <i>Pst(avr)</i>	ovule development	4	0.18	0.47979	1.56
5 d.p.i. <i>Pst(avr)</i>	response to UV-B	4	0.18	0.47979	1.56
5 d.p.i. <i>Pst(avr)</i>	membrane fusion	4	0.18	0.47979	1.56
5 d.p.i. <i>Pst(avr)</i>	stomatal movement	3	0.14	0.48174	1.88
5 d.p.i. <i>Pst(avr)</i>	metallo-sulfur cluster assembly	3	0.14	0.48174	1.88
5 d.p.i. <i>Pst(avr)</i>	cytokinin metabolic process	3	0.14	0.48174	1.88
5 d.p.i. <i>Pst(avr)</i>	iron-sulfur cluster assembly	3	0.14	0.48174	1.88
5 d.p.i. <i>Pst(avr)</i>	response to light stimulus	36	1.63	0.48382	1.05
5 d.p.i. <i>Pst(avr)</i>	post-embryonic morphogenesis	7	0.32	0.48856	1.25
5 d.p.i. <i>Pst(avr)</i>	cell death	22	1.00	0.49030	1.07
5 d.p.i. <i>Pst(avr)</i>	death	22	1.00	0.49030	1.07
5 d.p.i. <i>Pst(avr)</i>	cellular glucan metabolic process	11	0.50	0.50113	1.14
5 d.p.i. <i>Pst(avr)</i>	sterol metabolic process	4	0.18	0.50288	1.51
5 d.p.i. <i>Pst(avr)</i>	tRNA aminoacylation	7	0.32	0.50426	1.23
5 d.p.i. <i>Pst(avr)</i>	tRNA aminoacylation for protein translation	7	0.32	0.50426	1.23
5 d.p.i. <i>Pst(avr)</i>	amino acid activation	7	0.32	0.50426	1.23
5 d.p.i. <i>Pst(avr)</i>	regulation of cellular component size	19	0.86	0.50637	1.07
5 d.p.i. <i>Pst(avr)</i>	response to radiation	37	1.67	0.50786	1.04
5 d.p.i. <i>Pst(avr)</i>	biogenic amine metabolic process	6	0.27	0.50968	1.28
5 d.p.i. <i>Pst(avr)</i>	water-soluble vitamin biosynthetic process	6	0.27	0.50968	1.28
5 d.p.i. <i>Pst(avr)</i>	glycolipid metabolic process	3	0.14	0.51094	1.78
5 d.p.i. <i>Pst(avr)</i>	sesquiterpene metabolic process	3	0.14	0.51094	1.78
5 d.p.i. <i>Pst(avr)</i>	jasmonic acid metabolic process	3	0.14	0.51094	1.78

5 d.p.i. <i>Pst(avr)</i>	sesquiterpenoid metabolic process	3	0.14	0.51094	1.78
5 d.p.i. <i>Pst(avr)</i>	leaf senescence	3	0.14	0.51094	1.78
5 d.p.i. <i>Pst(avr)</i>	flavonoid biosynthetic process	5	0.23	0.51642	1.34
5 d.p.i. <i>Pst(avr)</i>	cellular response to starvation	5	0.23	0.51642	1.34
5 d.p.i. <i>Pst(avr)</i>	response to abscisic acid stimulus	21	0.95	0.51784	1.06
5 d.p.i. <i>Pst(avr)</i>	regulation of cell size	18	0.81	0.51837	1.07
5 d.p.i. <i>Pst(avr)</i>	methylation	7	0.32	0.51977	1.22
5 d.p.i. <i>Pst(avr)</i>	cellular response to nitrogen starvation	2	0.09	0.52356	2.82
5 d.p.i. <i>Pst(avr)</i>	regulation of response to biotic stimulus	2	0.09	0.52356	2.82
5 d.p.i. <i>Pst(avr)</i>	glyoxylate metabolic process	2	0.09	0.52356	2.82
5 d.p.i. <i>Pst(avr)</i>	cellular response to reactive oxygen species	8	0.36	0.52829	1.17
5 d.p.i. <i>Pst(avr)</i>	programmed cell death	19	0.86	0.53281	1.06
5 d.p.i. <i>Pst(avr)</i>	regulation of gene expression, epigenetic	9	0.41	0.53571	1.14
5 d.p.i. <i>Pst(avr)</i>	auxin biosynthetic process	3	0.14	0.53903	1.69
5 d.p.i. <i>Pst(avr)</i>	trehalose biosynthetic process	3	0.14	0.53903	1.69
5 d.p.i. <i>Pst(avr)</i>	photosynthetic electron transport chain	3	0.14	0.53903	1.69
5 d.p.i. <i>Pst(avr)</i>	organ senescence	3	0.14	0.53903	1.69
5 d.p.i. <i>Pst(avr)</i>	apoptosis	15	0.68	0.53904	1.07
5 d.p.i. <i>Pst(avr)</i>	cellular response to oxidative stress	8	0.36	0.54234	1.16
5 d.p.i. <i>Pst(avr)</i>	cell cycle process	12	0.54	0.54281	1.09
5 d.p.i. <i>Pst(avr)</i>	response to ethylene stimulus	19	0.86	0.55022	1.05
5 d.p.i. <i>Pst(avr)</i>	sulfur metabolic process	14	0.63	0.55372	1.07
5 d.p.i. <i>Pst(avr)</i>	cellular polysaccharide metabolic process	13	0.59	0.55900	1.07
5 d.p.i. <i>Pst(avr)</i>	water-soluble vitamin metabolic process	6	0.27	0.55987	1.21
5 d.p.i. <i>Pst(avr)</i>	oligosaccharide transport	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	inositol phosphate metabolic process	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	thiamin and derivative biosynthetic process	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	chloride transport	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	regulation of translational initiation	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	aromatic amino acid family biosynthetic process, prephenate pathway	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	IMP metabolic process	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	IMP biosynthetic process	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	thiamin and derivative metabolic process	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	pyrimidine ribonucleotide biosynthetic process	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	disaccharide transport	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	regulation of multi-organism process	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	sucrose transport	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	thiamin metabolic process	2	0.09	0.56575	2.51
5 d.p.i. <i>Pst(avr)</i>	trehalose metabolic process	3	0.14	0.56599	1.61
5 d.p.i. <i>Pst(avr)</i>	stem cell maintenance	3	0.14	0.56599	1.61
5 d.p.i. <i>Pst(avr)</i>	cytokinesis during cell cycle	3	0.14	0.56599	1.61
5 d.p.i. <i>Pst(avr)</i>	response to red light	5	0.23	0.57229	1.25
5 d.p.i. <i>Pst(avr)</i>	response to nutrient levels	6	0.27	0.57602	1.19
5 d.p.i. <i>Pst(avr)</i>	DNA recombination	6	0.27	0.57602	1.19
5 d.p.i. <i>Pst(avr)</i>	lipid catabolic process	15	0.68	0.57795	1.05
5 d.p.i. <i>Pst(avr)</i>	ncRNA metabolic process	16	0.72	0.58190	1.04
5 d.p.i. <i>Pst(avr)</i>	response to brassinosteroid stimulus	4	0.18	0.58949	1.33
5 d.p.i. <i>Pst(avr)</i>	photoperiodism	4	0.18	0.58949	1.33
5 d.p.i. <i>Pst(avr)</i>	cell-cell signaling	4	0.18	0.58949	1.33

5 d.p.i. <i>Pst(avr)</i>	cell recognition	4	0.18	0.58949	1.33
5 d.p.i. <i>Pst(avr)</i>	recognition of pollen	4	0.18	0.58949	1.33
5 d.p.i. <i>Pst(avr)</i>	cellular response to nutrient levels	5	0.23	0.59010	1.23
5 d.p.i. <i>Pst(avr)</i>	di-, tri-valent inorganic cation transport	5	0.23	0.59010	1.23
5 d.p.i. <i>Pst(avr)</i>	meiosis I	3	0.14	0.59180	1.54
5 d.p.i. <i>Pst(avr)</i>	protein-chromophore linkage	3	0.14	0.59180	1.54
5 d.p.i. <i>Pst(avr)</i>	stem cell development	3	0.14	0.59180	1.54
5 d.p.i. <i>Pst(avr)</i>	cellulose catabolic process	3	0.14	0.59180	1.54
5 d.p.i. <i>Pst(avr)</i>	steroid hormone mediated signaling	3	0.14	0.59180	1.54
5 d.p.i. <i>Pst(avr)</i>	brassinosteroid mediated signaling	3	0.14	0.59180	1.54
5 d.p.i. <i>Pst(avr)</i>	response to steroid hormone stimulus	3	0.14	0.59180	1.54
5 d.p.i. <i>Pst(avr)</i>	post-embryonic development	63	2.85	0.59367	0.99
5 d.p.i. <i>Pst(avr)</i>	fatty acid metabolic process	17	0.77	0.59453	1.03
5 d.p.i. <i>Pst(avr)</i>	lipid biosynthetic process	32	1.45	0.59838	1.00
5 d.p.i. <i>Pst(avr)</i>	phenylpropanoid biosynthetic process	9	0.41	0.59934	1.08
5 d.p.i. <i>Pst(avr)</i>	cytokinin biosynthetic process	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	pentacyclic triterpenoid metabolic process	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	pentacyclic triterpenoid biosynthetic process	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	cotyledon vascular tissue pattern formation	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	pyrimidine ribonucleotide metabolic process	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	positive regulation of gene-specific transcription	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	apocarotenoid biosynthetic process	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	abscisic acid biosynthetic process	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	cellular response to nitrogen levels	2	0.09	0.60420	2.26
5 d.p.i. <i>Pst(avr)</i>	phyllome development	15	0.68	0.60625	1.03
5 d.p.i. <i>Pst(avr)</i>	aging	6	0.27	0.60735	1.15
5 d.p.i. <i>Pst(avr)</i>	protein amino acid dephosphorylation	6	0.27	0.60735	1.15
5 d.p.i. <i>Pst(avr)</i>	response to starvation	5	0.23	0.60745	1.20
5 d.p.i. <i>Pst(avr)</i>	monovalent inorganic cation transport	12	0.54	0.60751	1.04
5 d.p.i. <i>Pst(avr)</i>	polyol metabolic process	4	0.18	0.60957	1.29
5 d.p.i. <i>Pst(avr)</i>	glucan catabolic process	4	0.18	0.60957	1.29
5 d.p.i. <i>Pst(avr)</i>	stem cell differentiation	3	0.14	0.61644	1.47
5 d.p.i. <i>Pst(avr)</i>	membrane lipid biosynthetic process	3	0.14	0.61644	1.47
5 d.p.i. <i>Pst(avr)</i>	phloem or xylem histogenesis	3	0.14	0.61644	1.47
5 d.p.i. <i>Pst(avr)</i>	M phase	7	0.32	0.62212	1.10
5 d.p.i. <i>Pst(avr)</i>	biopolymer methylation	6	0.27	0.62251	1.13
5 d.p.i. <i>Pst(avr)</i>	abscisic acid mediated signaling	6	0.27	0.62251	1.13
5 d.p.i. <i>Pst(avr)</i>	ion transport	35	1.58	0.62517	0.99
5 d.p.i. <i>Pst(avr)</i>	proteolysis	76	3.44	0.62864	0.98
5 d.p.i. <i>Pst(avr)</i>	steroid biosynthetic process	4	0.18	0.62898	1.25
5 d.p.i. <i>Pst(avr)</i>	terpenoid metabolic process	8	0.36	0.63517	1.06
5 d.p.i. <i>Pst(avr)</i>	carbohydrate transport	7	0.32	0.63569	1.08
5 d.p.i. <i>Pst(avr)</i>	response to reactive oxygen species	10	0.45	0.63599	1.04
5 d.p.i. <i>Pst(avr)</i>	phosphatidylcholine metabolic process	2	0.09	0.63926	2.05
5 d.p.i. <i>Pst(avr)</i>	detection of chemical stimulus	2	0.09	0.63926	2.05
5 d.p.i. <i>Pst(avr)</i>	syncytium formation	2	0.09	0.63926	2.05
5 d.p.i. <i>Pst(avr)</i>	genetic imprinting	2	0.09	0.63926	2.05
5 d.p.i. <i>Pst(avr)</i>	chromosome organization involved in meiosis	2	0.09	0.63926	2.05
5 d.p.i. <i>Pst(avr)</i>	synapsis	2	0.09	0.63926	2.05

5 d.p.i. <i>Pst(avr)</i>	male gamete generation	2	0.09	0.63926	2.05
5 d.p.i. <i>Pst(avr)</i>	L-ascorbic acid metabolic process	2	0.09	0.63926	2.05
5 d.p.i. <i>Pst(avr)</i>	L-ascorbic acid biosynthetic process	2	0.09	0.63926	2.05
5 d.p.i. <i>Pst(avr)</i>	heterocycle catabolic process	3	0.14	0.63992	1.41
5 d.p.i. <i>Pst(avr)</i>	DNA mediated transformation	3	0.14	0.63992	1.41
5 d.p.i. <i>Pst(avr)</i>	defense response to bacterium, incompatible interaction	3	0.14	0.63992	1.41
5 d.p.i. <i>Pst(avr)</i>	genetic transfer	3	0.14	0.63992	1.41
5 d.p.i. <i>Pst(avr)</i>	regulation of meristem development	5	0.23	0.64078	1.15
5 d.p.i. <i>Pst(avr)</i>	response to abiotic stimulus	85	3.85	0.64713	0.98
5 d.p.i. <i>Pst(avr)</i>	microtubule-based movement	7	0.32	0.64896	1.07
5 d.p.i. <i>Pst(avr)</i>	rRNA processing	5	0.23	0.65674	1.13
5 d.p.i. <i>Pst(avr)</i>	rRNA metabolic process	5	0.23	0.65674	1.13
5 d.p.i. <i>Pst(avr)</i>	protein targeting to membrane	3	0.14	0.66225	1.35
5 d.p.i. <i>Pst(avr)</i>	senescence	3	0.14	0.66225	1.35
5 d.p.i. <i>Pst(avr)</i>	cellular aldehyde metabolic process	3	0.14	0.66225	1.35
5 d.p.i. <i>Pst(avr)</i>	hormone transport	4	0.18	0.66576	1.19
5 d.p.i. <i>Pst(avr)</i>	hormone-mediated signaling	29	1.31	0.66692	0.97
5 d.p.i. <i>Pst(avr)</i>	cellular response to hormone stimulus	29	1.31	0.66692	0.97
5 d.p.i. <i>Pst(avr)</i>	nucleotide-sugar transport	2	0.09	0.67121	1.88
5 d.p.i. <i>Pst(avr)</i>	regulation of cell growth	2	0.09	0.67121	1.88
5 d.p.i. <i>Pst(avr)</i>	jasmonic acid and ethylene-dependent systemic resistance	2	0.09	0.67121	1.88
5 d.p.i. <i>Pst(avr)</i>	triterpenoid biosynthetic process	2	0.09	0.67121	1.88
5 d.p.i. <i>Pst(avr)</i>	ethanolamine and derivative metabolic process	2	0.09	0.67121	1.88
5 d.p.i. <i>Pst(avr)</i>	embryonic pattern specification	2	0.09	0.67121	1.88
5 d.p.i. <i>Pst(avr)</i>	aromatic amino acid family metabolic process	5	0.23	0.67221	1.11
5 d.p.i. <i>Pst(avr)</i>	cation transport	26	1.18	0.67469	0.97
5 d.p.i. <i>Pst(avr)</i>	regulation of post-embryonic development	11	0.50	0.67758	0.99
5 d.p.i. <i>Pst(avr)</i>	DNA metabolic process	28	1.27	0.67767	0.97
5 d.p.i. <i>Pst(avr)</i>	DNA replication	10	0.45	0.67867	1.00
5 d.p.i. <i>Pst(avr)</i>	aromatic amino acid family biosynthetic process	4	0.18	0.68313	1.16
5 d.p.i. <i>Pst(avr)</i>	chorismate metabolic process	4	0.18	0.68313	1.16
5 d.p.i. <i>Pst(avr)</i>	systemic acquired resistance	3	0.14	0.68346	1.30
5 d.p.i. <i>Pst(avr)</i>	positive regulation of nucleobase, nucleoside, nucleotide metabolic process	5	0.23	0.68719	1.09
5 d.p.i. <i>Pst(avr)</i>	positive regulation of nitrogen compound metabolic process	5	0.23	0.68719	1.09
5 d.p.i. <i>Pst(avr)</i>	electron transport chain	10	0.45	0.68885	0.99
5 d.p.i. <i>Pst(avr)</i>	metal ion transport	17	0.77	0.69374	0.96
5 d.p.i. <i>Pst(avr)</i>	oxygen and reactive oxygen species metabolic process	8	0.36	0.69439	1.00
5 d.p.i. <i>Pst(avr)</i>	proteasomal ubiquitin-dependent protein catabolic process	2	0.09	0.70033	1.74
5 d.p.i. <i>Pst(avr)</i>	sulfate transport	2	0.09	0.70033	1.74
5 d.p.i. <i>Pst(avr)</i>	inositol metabolic process	2	0.09	0.70033	1.74
5 d.p.i. <i>Pst(avr)</i>	histone deacetylation	2	0.09	0.70033	1.74
5 d.p.i. <i>Pst(avr)</i>	phospholipid transport	2	0.09	0.70033	1.74
5 d.p.i. <i>Pst(avr)</i>	regulation of photomorphogenesis	2	0.09	0.70033	1.74
5 d.p.i. <i>Pst(avr)</i>	anthocyanin metabolic process	2	0.09	0.70033	1.74
5 d.p.i. <i>Pst(avr)</i>	pyrimidine ribonucleoside metabolic process	2	0.09	0.70033	1.74
5 d.p.i. <i>Pst(avr)</i>	polysaccharide metabolic process	16	0.72	0.70143	0.96
5 d.p.i. <i>Pst(avr)</i>	nucleoside monophosphate biosynthetic process	3	0.14	0.70356	1.25
5 d.p.i. <i>Pst(avr)</i>	vitamin biosynthetic process	6	0.27	0.70574	1.03
5 d.p.i. <i>Pst(avr)</i>	embryo sac development	6	0.27	0.70574	1.03

5 d.p.i. <i>Pst(avr)</i>	secondary metabolic process	28	1.27	0.70778	0.95
5 d.p.i. <i>Pst(avr)</i>	pollen development	10	0.45	0.70861	0.97
5 d.p.i. <i>Pst(avr)</i>	M phase of meiotic cell cycle	4	0.18	0.71582	1.10
5 d.p.i. <i>Pst(avr)</i>	meiosis	4	0.18	0.71582	1.10
5 d.p.i. <i>Pst(avr)</i>	response to extracellular stimulus	6	0.27	0.71829	1.01
5 d.p.i. <i>Pst(avr)</i>	nucleoside monophosphate metabolic process	3	0.14	0.72259	1.21
5 d.p.i. <i>Pst(avr)</i>	mitochondrion organization	3	0.14	0.72259	1.21
5 d.p.i. <i>Pst(avr)</i>	leaf morphogenesis	8	0.36	0.72676	0.97
5 d.p.i. <i>Pst(avr)</i>	pyrimidine nucleoside metabolic process	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	purine ribonucleoside monophosphate metabolic process	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	sesquiterpene biosynthetic process	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	iron ion homeostasis	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	purine ribonucleoside monophosphate biosynthetic process	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	sesquiterpenoid biosynthetic process	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	regulation of gene-specific transcription	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	floral organ formation	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	peptidyl-histidine phosphorylation	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	positive gravitropism	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	purine nucleoside monophosphate metabolic process	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	protein targeting to mitochondrion	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	regulation of actin filament polymerization	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	protein localization in mitochondrion	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	purine nucleoside monophosphate biosynthetic process	2	0.09	0.72688	1.61
5 d.p.i. <i>Pst(avr)</i>	dicarboxylic acid metabolic process	6	0.27	0.73044	1.00
5 d.p.i. <i>Pst(avr)</i>	regulation of cellular protein metabolic process	4	0.18	0.73116	1.08
5 d.p.i. <i>Pst(avr)</i>	tRNA metabolic process	10	0.45	0.73669	0.95
5 d.p.i. <i>Pst(avr)</i>	cell redox homeostasis	10	0.45	0.73669	0.95
5 d.p.i. <i>Pst(avr)</i>	phosphorus metabolic process	97	4.39	0.73943	0.96
5 d.p.i. <i>Pst(avr)</i>	phosphate metabolic process	97	4.39	0.73943	0.96
5 d.p.i. <i>Pst(avr)</i>	cell proliferation	3	0.14	0.74057	1.17
5 d.p.i. <i>Pst(avr)</i>	regulation of cell cycle	9	0.41	0.74120	0.95
5 d.p.i. <i>Pst(avr)</i>	cellular response to extracellular stimulus	5	0.23	0.74222	1.01
5 d.p.i. <i>Pst(avr)</i>	vitamin metabolic process	6	0.27	0.74222	0.98
5 d.p.i. <i>Pst(avr)</i>	cellular homeostasis	16	0.72	0.74584	0.93
5 d.p.i. <i>Pst(avr)</i>	cell adhesion	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	regulation of actin polymerization or depolymerization	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	biological adhesion	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	carbon utilization by fixation of carbon dioxide	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	peptidyl-histidine modification	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	copper ion transport	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	regulation of actin filament length	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	glycolipid biosynthetic process	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	protein amino acid deacetylation	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	sulfur compound catabolic process	2	0.09	0.75108	1.51
5 d.p.i. <i>Pst(avr)</i>	reproductive structure development	51	2.31	0.75315	0.94
5 d.p.i. <i>Pst(avr)</i>	response to temperature stimulus	22	1.00	0.75336	0.93
5 d.p.i. <i>Pst(avr)</i>	cell wall biogenesis	6	0.27	0.75361	0.97
5 d.p.i. <i>Pst(avr)</i>	phenylpropanoid metabolic process	10	0.45	0.75437	0.93
5 d.p.i. <i>Pst(avr)</i>	regulation of flower development	7	0.32	0.75456	0.95

5 d.p.i. <i>Pst(avr)</i>	steroid metabolic process	5	0.23	0.75476	0.99
5 d.p.i. <i>Pst(avr)</i>	gene silencing	5	0.23	0.75476	0.99
5 d.p.i. <i>Pst(avr)</i>	nitrogen compound biosynthetic process	36	1.63	0.75513	0.93
5 d.p.i. <i>Pst(avr)</i>	one-carbon metabolic process	8	0.36	0.75671	0.94
5 d.p.i. <i>Pst(avr)</i>	glycerolipid biosynthetic process	3	0.14	0.75755	1.13
5 d.p.i. <i>Pst(avr)</i>	response to sucrose stimulus	3	0.14	0.75755	1.13
5 d.p.i. <i>Pst(avr)</i>	regulation of phosphorylation	3	0.14	0.75755	1.13
5 d.p.i. <i>Pst(avr)</i>	lignin biosynthetic process	3	0.14	0.75755	1.13
5 d.p.i. <i>Pst(avr)</i>	ncRNA processing	9	0.41	0.75958	0.93
5 d.p.i. <i>Pst(avr)</i>	embryonic development ending in seed dormancy	26	1.18	0.76322	0.92
5 d.p.i. <i>Pst(avr)</i>	cellular ion homeostasis	6	0.27	0.76462	0.95
5 d.p.i. <i>Pst(avr)</i>	ion homeostasis	7	0.32	0.76471	0.94
5 d.p.i. <i>Pst(avr)</i>	cell cycle phase	7	0.32	0.76471	0.94
5 d.p.i. <i>Pst(avr)</i>	cellulose metabolic process	5	0.23	0.76683	0.97
5 d.p.i. <i>Pst(avr)</i>	negative regulation of defense response	2	0.09	0.77313	1.41
5 d.p.i. <i>Pst(avr)</i>	nitrate metabolic process	2	0.09	0.77313	1.41
5 d.p.i. <i>Pst(avr)</i>	cellular component disassembly	2	0.09	0.77313	1.41
5 d.p.i. <i>Pst(avr)</i>	malate metabolic process	2	0.09	0.77313	1.41
5 d.p.i. <i>Pst(avr)</i>	wax metabolic process	2	0.09	0.77313	1.41
5 d.p.i. <i>Pst(avr)</i>	second-messenger-mediated signaling	2	0.09	0.77313	1.41
5 d.p.i. <i>Pst(avr)</i>	nitrate assimilation	2	0.09	0.77313	1.41
5 d.p.i. <i>Pst(avr)</i>	coenzyme catabolic process	4	0.18	0.77327	1.00
5 d.p.i. <i>Pst(avr)</i>	DNA-dependent DNA replication	4	0.18	0.77327	1.00
5 d.p.i. <i>Pst(avr)</i>	response to high light intensity	3	0.14	0.77356	1.09
5 d.p.i. <i>Pst(avr)</i>	response to disaccharide stimulus	3	0.14	0.77356	1.09
5 d.p.i. <i>Pst(avr)</i>	cellular chemical homeostasis	6	0.27	0.77526	0.94
5 d.p.i. <i>Pst(avr)</i>	glucan biosynthetic process	6	0.27	0.77526	0.94
5 d.p.i. <i>Pst(avr)</i>	cellular polysaccharide biosynthetic process	8	0.36	0.77531	0.92
5 d.p.i. <i>Pst(avr)</i>	developmental growth	12	0.54	0.77767	0.91
5 d.p.i. <i>Pst(avr)</i>	peptide transport	5	0.23	0.77842	0.96
5 d.p.i. <i>Pst(avr)</i>	oligopeptide transport	5	0.23	0.77842	0.96
5 d.p.i. <i>Pst(avr)</i>	detection of stimulus	5	0.23	0.77842	0.96
5 d.p.i. <i>Pst(avr)</i>	homeostatic process	19	0.86	0.77994	0.91
5 d.p.i. <i>Pst(avr)</i>	oxidation reduction	78	3.53	0.78412	0.94
5 d.p.i. <i>Pst(avr)</i>	photoperiodism, flowering	3	0.14	0.78863	1.06
5 d.p.i. <i>Pst(avr)</i>	terpene metabolic process	3	0.14	0.78863	1.06
5 d.p.i. <i>Pst(avr)</i>	regulation of protein polymerization	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	regulation of cell division	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	plastid membrane organization	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	gamete generation	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	polyamine metabolic process	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	glutamate metabolic process	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	thylakoid membrane organization	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	microgametogenesis	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	maintenance of meristem identity	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	intra-Golgi vesicle-mediated transport	2	0.09	0.79324	1.33
5 d.p.i. <i>Pst(avr)</i>	sexual reproduction	4	0.18	0.79822	0.96
5 d.p.i. <i>Pst(avr)</i>	response to cytokinin stimulus	5	0.23	0.80025	0.93
5 d.p.i. <i>Pst(avr)</i>	pigment metabolic process	7	0.32	0.80221	0.90

5 d.p.i. <i>Pst(avr)</i>	regulation of phosphorus metabolic process	3	0.14	0.80282	1.03
5 d.p.i. <i>Pst(avr)</i>	regulation of translation	3	0.14	0.80282	1.03
5 d.p.i. <i>Pst(avr)</i>	megagametogenesis	3	0.14	0.80282	1.03
5 d.p.i. <i>Pst(avr)</i>	regulation of phosphate metabolic process	3	0.14	0.80282	1.03
5 d.p.i. <i>Pst(avr)</i>	cell growth	14	0.63	0.80413	0.89
5 d.p.i. <i>Pst(avr)</i>	pigment biosynthetic process	6	0.27	0.80495	0.90
5 d.p.i. <i>Pst(avr)</i>	small GTPase mediated signal transduction	6	0.27	0.80495	0.90
5 d.p.i. <i>Pst(avr)</i>	chemical homeostasis	8	0.36	0.80934	0.89
5 d.p.i. <i>Pst(avr)</i>	polysaccharide biosynthetic process	8	0.36	0.80934	0.89
5 d.p.i. <i>Pst(avr)</i>	shoot development	18	0.81	0.81021	0.89
5 d.p.i. <i>Pst(avr)</i>	translational initiation	5	0.23	0.81049	0.91
5 d.p.i. <i>Pst(avr)</i>	protein localization in organelle	5	0.23	0.81049	0.91
5 d.p.i. <i>Pst(avr)</i>	negative regulation of gene expression, epigenetic	2	0.09	0.81156	1.25
5 d.p.i. <i>Pst(avr)</i>	meristem initiation	2	0.09	0.81156	1.25
5 d.p.i. <i>Pst(avr)</i>	regulation of protein complex assembly	2	0.09	0.81156	1.25
5 d.p.i. <i>Pst(avr)</i>	regulation of cellular component biogenesis	2	0.09	0.81156	1.25
5 d.p.i. <i>Pst(avr)</i>	embryonic meristem development	2	0.09	0.81156	1.25
5 d.p.i. <i>Pst(avr)</i>	sphingolipid metabolic process	2	0.09	0.81156	1.25
5 d.p.i. <i>Pst(avr)</i>	phosphorylation	88	3.98	0.81198	0.93
5 d.p.i. <i>Pst(avr)</i>	gametophyte development	13	0.59	0.81424	0.88
5 d.p.i. <i>Pst(avr)</i>	organic acid biosynthetic process	28	1.27	0.81968	0.89
5 d.p.i. <i>Pst(avr)</i>	carboxylic acid biosynthetic process	28	1.27	0.81968	0.89
5 d.p.i. <i>Pst(avr)</i>	glycerolipid metabolic process	5	0.23	0.82030	0.90
5 d.p.i. <i>Pst(avr)</i>	negative regulation of molecular function	5	0.23	0.82030	0.90
5 d.p.i. <i>Pst(avr)</i>	oxidoreduction coenzyme metabolic process	4	0.18	0.82084	0.92
5 d.p.i. <i>Pst(avr)</i>	shoot system development	18	0.81	0.82087	0.88
5 d.p.i. <i>Pst(avr)</i>	response to bacterium	16	0.72	0.82102	0.88
5 d.p.i. <i>Pst(avr)</i>	protein amino acid phosphorylation	81	3.67	0.82342	0.93
5 d.p.i. <i>Pst(avr)</i>	regulation of actin filament-based process	2	0.09	0.82826	1.19
5 d.p.i. <i>Pst(avr)</i>	adaxial/abaxial pattern formation	2	0.09	0.82826	1.19
5 d.p.i. <i>Pst(avr)</i>	regulation of development, heterochronic	2	0.09	0.82826	1.19
5 d.p.i. <i>Pst(avr)</i>	regulation of actin cytoskeleton organization	2	0.09	0.82826	1.19
5 d.p.i. <i>Pst(avr)</i>	methionine biosynthetic process	2	0.09	0.82826	1.19
5 d.p.i. <i>Pst(avr)</i>	cellular amino acid derivative catabolic process	2	0.09	0.82826	1.19
5 d.p.i. <i>Pst(avr)</i>	response to far red light	3	0.14	0.82867	0.97
5 d.p.i. <i>Pst(avr)</i>	ribosome biogenesis	10	0.45	0.83023	0.86
5 d.p.i. <i>Pst(avr)</i>	response to inorganic substance	36	1.63	0.83044	0.90
5 d.p.i. <i>Pst(avr)</i>	organophosphate metabolic process	9	0.41	0.83072	0.86
5 d.p.i. <i>Pst(avr)</i>	potassium ion transport	4	0.18	0.83131	0.90
5 d.p.i. <i>Pst(avr)</i>	ethylene mediated signaling pathway	10	0.45	0.83671	0.86
5 d.p.i. <i>Pst(avr)</i>	photosynthesis, light reaction	5	0.23	0.83866	0.87
5 d.p.i. <i>Pst(avr)</i>	cellular amino acid derivative metabolic process	17	0.77	0.83888	0.86
5 d.p.i. <i>Pst(avr)</i>	response to virus	3	0.14	0.84042	0.94
5 d.p.i. <i>Pst(avr)</i>	circadian rhythm	3	0.14	0.84042	0.94
5 d.p.i. <i>Pst(avr)</i>	auxin polar transport	3	0.14	0.84042	0.94
5 d.p.i. <i>Pst(avr)</i>	cellular lipid catabolic process	4	0.18	0.84126	0.89
5 d.p.i. <i>Pst(avr)</i>	translation	35	1.58	0.84179	0.89
5 d.p.i. <i>Pst(avr)</i>	cofactor biosynthetic process	11	0.50	0.84265	0.85
5 d.p.i. <i>Pst(avr)</i>	response to carbohydrate stimulus	12	0.54	0.84285	0.85

5 d.p.i. <i>Pst(avr)</i>	regulation of cell morphogenesis	2	0.09	0.84348	1.13
5 d.p.i. <i>Pst(avr)</i>	pyrimidine nucleotide biosynthetic process	2	0.09	0.84348	1.13
5 d.p.i. <i>Pst(avr)</i>	indolalkylamine metabolic process	2	0.09	0.84348	1.13
5 d.p.i. <i>Pst(avr)</i>	tryptophan metabolic process	2	0.09	0.84348	1.13
5 d.p.i. <i>Pst(avr)</i>	cell division	12	0.54	0.84847	0.85
5 d.p.i. <i>Pst(avr)</i>	negative regulation of gene expression	7	0.32	0.84954	0.84
5 d.p.i. <i>Pst(avr)</i>	di-, tri-valent inorganic cation homeostasis	4	0.18	0.85069	0.87
5 d.p.i. <i>Pst(avr)</i>	regulation of organelle organization	3	0.14	0.85143	0.92
5 d.p.i. <i>Pst(avr)</i>	gene silencing by RNA	3	0.14	0.85143	0.92
5 d.p.i. <i>Pst(avr)</i>	ubiquitin-dependent protein catabolic process	19	0.86	0.85636	0.85
5 d.p.i. <i>Pst(avr)</i>	ribonucleoside monophosphate biosynthetic process	2	0.09	0.85736	1.08
5 d.p.i. <i>Pst(avr)</i>	nucleus organization	2	0.09	0.85736	1.08
5 d.p.i. <i>Pst(avr)</i>	post-embryonic organ morphogenesis	2	0.09	0.85736	1.08
5 d.p.i. <i>Pst(avr)</i>	pyrimidine nucleotide metabolic process	2	0.09	0.85736	1.08
5 d.p.i. <i>Pst(avr)</i>	floral organ morphogenesis	2	0.09	0.85736	1.08
5 d.p.i. <i>Pst(avr)</i>	negative regulation of macromolecule metabolic process	8	0.36	0.85914	0.83
5 d.p.i. <i>Pst(avr)</i>	leaf development	11	0.50	0.85966	0.83
5 d.p.i. <i>Pst(avr)</i>	cellular amino acid catabolic process	3	0.14	0.86175	0.89
5 d.p.i. <i>Pst(avr)</i>	terpenoid biosynthetic process	5	0.23	0.86323	0.83
5 d.p.i. <i>Pst(avr)</i>	response to metal ion	25	1.13	0.86354	0.86
5 d.p.i. <i>Pst(avr)</i>	phospholipid metabolic process	8	0.36	0.86530	0.82
5 d.p.i. <i>Pst(avr)</i>	ribonucleoprotein complex biogenesis	10	0.45	0.86622	0.82
5 d.p.i. <i>Pst(avr)</i>	red or far red light signaling pathway	4	0.18	0.86810	0.84
5 d.p.i. <i>Pst(avr)</i>	cofactor catabolic process	4	0.18	0.86810	0.84
5 d.p.i. <i>Pst(avr)</i>	alditol metabolic process	2	0.09	0.87000	1.03
5 d.p.i. <i>Pst(avr)</i>	ribonucleoside monophosphate metabolic process	2	0.09	0.87000	1.03
5 d.p.i. <i>Pst(avr)</i>	response to chitin	7	0.32	0.87564	0.81
5 d.p.i. <i>Pst(avr)</i>	glutamine family amino acid metabolic process	4	0.18	0.87611	0.82
5 d.p.i. <i>Pst(avr)</i>	growth	15	0.68	0.87812	0.83
5 d.p.i. <i>Pst(avr)</i>	cellular amino acid derivative biosynthetic process	11	0.50	0.88004	0.81
5 d.p.i. <i>Pst(avr)</i>	cellular metal ion homeostasis	3	0.14	0.88043	0.85
5 d.p.i. <i>Pst(avr)</i>	red, far-red light phototransduction	3	0.14	0.88043	0.85
5 d.p.i. <i>Pst(avr)</i>	plant-type hypersensitive response	3	0.14	0.88043	0.85
5 d.p.i. <i>Pst(avr)</i>	metal ion homeostasis	3	0.14	0.88043	0.85
5 d.p.i. <i>Pst(avr)</i>	phototransduction	3	0.14	0.88043	0.85
5 d.p.i. <i>Pst(avr)</i>	detection of light stimulus	3	0.14	0.88043	0.85
5 d.p.i. <i>Pst(avr)</i>	axis specification	2	0.09	0.88153	0.98
5 d.p.i. <i>Pst(avr)</i>	terpene biosynthetic process	2	0.09	0.88153	0.98
5 d.p.i. <i>Pst(avr)</i>	nucleotide-sugar metabolic process	2	0.09	0.88153	0.98
5 d.p.i. <i>Pst(avr)</i>	defense response to fungus, incompatible interaction	2	0.09	0.88153	0.98
5 d.p.i. <i>Pst(avr)</i>	base-excision repair	2	0.09	0.88153	0.98
5 d.p.i. <i>Pst(avr)</i>	response to water deprivation	9	0.41	0.88427	0.80
5 d.p.i. <i>Pst(avr)</i>	sulfur amino acid biosynthetic process	3	0.14	0.88887	0.83
5 d.p.i. <i>Pst(avr)</i>	acetyl-CoA catabolic process	3	0.14	0.88887	0.83
5 d.p.i. <i>Pst(avr)</i>	lignin metabolic process	3	0.14	0.88887	0.83
5 d.p.i. <i>Pst(avr)</i>	host programmed cell death induced by symbiont	3	0.14	0.88887	0.83
5 d.p.i. <i>Pst(avr)</i>	tricarboxylic acid cycle	3	0.14	0.88887	0.83
5 d.p.i. <i>Pst(avr)</i>	amine catabolic process	3	0.14	0.88887	0.83
5 d.p.i. <i>Pst(avr)</i>	response to light intensity	4	0.18	0.89085	0.79

5 d.p.i. <i>Pst(avr)</i>	glycerophospholipid metabolic process	4	0.18	0.89085	0.79
5 d.p.i. <i>Pst(avr)</i>	positive regulation of macromolecule metabolic process	4	0.18	0.89085	0.79
5 d.p.i. <i>Pst(avr)</i>	Golgi vesicle transport	4	0.18	0.89085	0.79
5 d.p.i. <i>Pst(avr)</i>	G-protein coupled receptor protein signaling pathway	2	0.09	0.89203	0.94
5 d.p.i. <i>Pst(avr)</i>	calcium ion homeostasis	2	0.09	0.89203	0.94
5 d.p.i. <i>Pst(avr)</i>	regulation of cytoskeleton organization	2	0.09	0.89203	0.94
5 d.p.i. <i>Pst(avr)</i>	cellular calcium ion homeostasis	2	0.09	0.89203	0.94
5 d.p.i. <i>Pst(avr)</i>	glutamine family amino acid biosynthetic process	2	0.09	0.89203	0.94
5 d.p.i. <i>Pst(avr)</i>	organ formation	2	0.09	0.89203	0.94
5 d.p.i. <i>Pst(avr)</i>	glutamine metabolic process	2	0.09	0.89203	0.94
5 d.p.i. <i>Pst(avr)</i>	isoprenoid metabolic process	8	0.36	0.89289	0.79
5 d.p.i. <i>Pst(avr)</i>	fruit development	29	1.31	0.89302	0.85
5 d.p.i. <i>Pst(avr)</i>	two-component signal transduction system (phosphorelay)	12	0.54	0.89633	0.80
5 d.p.i. <i>Pst(avr)</i>	organic acid catabolic process	5	0.23	0.89707	0.77
5 d.p.i. <i>Pst(avr)</i>	carboxylic acid catabolic process	5	0.23	0.89707	0.77
5 d.p.i. <i>Pst(avr)</i>	response to cadmium ion	21	0.95	0.89925	0.82
5 d.p.i. <i>Pst(avr)</i>	RNA splicing	6	0.27	0.89927	0.77
5 d.p.i. <i>Pst(avr)</i>	sodium ion transport	2	0.09	0.90161	0.90
5 d.p.i. <i>Pst(avr)</i>	regulation of protein kinase activity	2	0.09	0.90161	0.90
5 d.p.i. <i>Pst(avr)</i>	positive regulation of flower development	2	0.09	0.90161	0.90
5 d.p.i. <i>Pst(avr)</i>	regulation of kinase activity	2	0.09	0.90161	0.90
5 d.p.i. <i>Pst(avr)</i>	posttranscriptional regulation of gene expression	5	0.23	0.90287	0.76
5 d.p.i. <i>Pst(avr)</i>	cation homeostasis	5	0.23	0.90287	0.76
5 d.p.i. <i>Pst(avr)</i>	shoot morphogenesis	9	0.41	0.90312	0.78
5 d.p.i. <i>Pst(avr)</i>	developmental growth involved in morphogenesis	9	0.41	0.90312	0.78
5 d.p.i. <i>Pst(avr)</i>	unidimensional cell growth	9	0.41	0.90312	0.78
5 d.p.i. <i>Pst(avr)</i>	negative regulation of catalytic activity	4	0.18	0.90400	0.77
5 d.p.i. <i>Pst(avr)</i>	amino acid transport	4	0.18	0.90400	0.77
5 d.p.i. <i>Pst(avr)</i>	tropism	3	0.14	0.90412	0.79
5 d.p.i. <i>Pst(avr)</i>	porphyrin biosynthetic process	3	0.14	0.90412	0.79
5 d.p.i. <i>Pst(avr)</i>	amine transport	4	0.18	0.91002	0.75
5 d.p.i. <i>Pst(avr)</i>	polysaccharide catabolic process	4	0.18	0.91002	0.75
5 d.p.i. <i>Pst(avr)</i>	glycerophospholipid biosynthetic process	2	0.09	0.91033	0.87
5 d.p.i. <i>Pst(avr)</i>	detection of abiotic stimulus	3	0.14	0.91099	0.77
5 d.p.i. <i>Pst(avr)</i>	rhythmic process	3	0.14	0.91099	0.77
5 d.p.i. <i>Pst(avr)</i>	positive regulation of transcription	3	0.14	0.91099	0.77
5 d.p.i. <i>Pst(avr)</i>	actin cytoskeleton organization	3	0.14	0.91099	0.77
5 d.p.i. <i>Pst(avr)</i>	reproductive developmental process	52	2.35	0.91359	0.86
5 d.p.i. <i>Pst(avr)</i>	generation of precursor metabolites and energy	22	1.00	0.91431	0.81
5 d.p.i. <i>Pst(avr)</i>	response to water	9	0.41	0.91549	0.76
5 d.p.i. <i>Pst(avr)</i>	reproductive cellular process	7	0.32	0.91655	0.75
5 d.p.i. <i>Pst(avr)</i>	tetrapyrrole biosynthetic process	3	0.14	0.91740	0.75
5 d.p.i. <i>Pst(avr)</i>	aerobic respiration	3	0.14	0.91740	0.75
5 d.p.i. <i>Pst(avr)</i>	positive regulation of gene expression	3	0.14	0.91740	0.75
5 d.p.i. <i>Pst(avr)</i>	cellular di-, tri-valent inorganic cation homeostasis	3	0.14	0.91740	0.75
5 d.p.i. <i>Pst(avr)</i>	cell morphogenesis	12	0.54	0.91854	0.77
5 d.p.i. <i>Pst(avr)</i>	proteolysis involved in cellular protein catabolic process	36	1.63	0.91878	0.84
5 d.p.i. <i>Pst(avr)</i>	seed development	27	1.22	0.91958	0.82
5 d.p.i. <i>Pst(avr)</i>	cellular cation homeostasis	4	0.18	0.92105	0.73

5 d.p.i. <i>Pst(avr)</i>	protein ubiquitination	7	0.32	0.92474	0.73
5 d.p.i. <i>Pst(avr)</i>	alcohol biosynthetic process	2	0.09	0.92553	0.81
5 d.p.i. <i>Pst(avr)</i>	positive regulation of molecular function	2	0.09	0.92553	0.81
5 d.p.i. <i>Pst(avr)</i>	regulation of transferase activity	2	0.09	0.92553	0.81
5 d.p.i. <i>Pst(avr)</i>	regulation of abscisic acid mediated signaling	2	0.09	0.92553	0.81
5 d.p.i. <i>Pst(avr)</i>	photosynthesis, light harvesting	2	0.09	0.92553	0.81
5 d.p.i. <i>Pst(avr)</i>	cellular protein catabolic process	36	1.63	0.92872	0.83
5 d.p.i. <i>Pst(avr)</i>	branched chain family amino acid metabolic process	2	0.09	0.93214	0.78
5 d.p.i. <i>Pst(avr)</i>	defense response to bacterium	10	0.45	0.93291	0.74
5 d.p.i. <i>Pst(avr)</i>	response to cold	12	0.54	0.93384	0.75
5 d.p.i. <i>Pst(avr)</i>	detection of external stimulus	3	0.14	0.93411	0.71
5 d.p.i. <i>Pst(avr)</i>	cytoskeleton organization	6	0.27	0.93510	0.71
5 d.p.i. <i>Pst(avr)</i>	modification-dependent macromolecule catabolic process	35	1.58	0.93525	0.82
5 d.p.i. <i>Pst(avr)</i>	modification-dependent protein catabolic process	35	1.58	0.93525	0.82
5 d.p.i. <i>Pst(avr)</i>	vegetative to reproductive phase transition	4	0.18	0.93529	0.69
5 d.p.i. <i>Pst(avr)</i>	endocytosis	2	0.09	0.93816	0.75
5 d.p.i. <i>Pst(avr)</i>	seed germination	2	0.09	0.93816	0.75
5 d.p.i. <i>Pst(avr)</i>	regulation of innate immune response	2	0.09	0.93816	0.75
5 d.p.i. <i>Pst(avr)</i>	membrane invagination	2	0.09	0.93816	0.75
5 d.p.i. <i>Pst(avr)</i>	chlorophyll biosynthetic process	2	0.09	0.93816	0.75
5 d.p.i. <i>Pst(avr)</i>	protein modification by small protein conjugation	7	0.32	0.93901	0.71
5 d.p.i. <i>Pst(avr)</i>	mRNA processing	7	0.32	0.93901	0.71
5 d.p.i. <i>Pst(avr)</i>	developmental cell growth	4	0.18	0.93949	0.68
5 d.p.i. <i>Pst(avr)</i>	transcription, DNA-dependent	4	0.18	0.94343	0.67
5 d.p.i. <i>Pst(avr)</i>	cellular respiration	4	0.18	0.94343	0.67
5 d.p.i. <i>Pst(avr)</i>	indole derivative biosynthetic process	2	0.09	0.94365	0.73
5 d.p.i. <i>Pst(avr)</i>	toxin metabolic process	2	0.09	0.94365	0.73
5 d.p.i. <i>Pst(avr)</i>	toxin catabolic process	2	0.09	0.94365	0.73
5 d.p.i. <i>Pst(avr)</i>	positive regulation of post-embryonic development	2	0.09	0.94365	0.73
5 d.p.i. <i>Pst(avr)</i>	microtubule-based process	7	0.32	0.94521	0.69
5 d.p.i. <i>Pst(avr)</i>	protein catabolic process	36	1.63	0.94711	0.81
5 d.p.i. <i>Pst(avr)</i>	phospholipid biosynthetic process	4	0.18	0.94713	0.66
5 d.p.i. <i>Pst(avr)</i>	positive regulation of macromolecule biosynthetic process	3	0.14	0.94758	0.66
5 d.p.i. <i>Pst(avr)</i>	cellular metabolic compound salvage	3	0.14	0.94758	0.66
5 d.p.i. <i>Pst(avr)</i>	nucleoside metabolic process	3	0.14	0.94758	0.66
5 d.p.i. <i>Pst(avr)</i>	chromatin modification	8	0.36	0.94873	0.69
5 d.p.i. <i>Pst(avr)</i>	coenzyme biosynthetic process	5	0.23	0.94997	0.66
5 d.p.i. <i>Pst(avr)</i>	organic acid transport	4	0.18	0.95060	0.65
5 d.p.i. <i>Pst(avr)</i>	RNA biosynthetic process	4	0.18	0.95060	0.65
5 d.p.i. <i>Pst(avr)</i>	carboxylic acid transport	4	0.18	0.95060	0.65
5 d.p.i. <i>Pst(avr)</i>	acetyl-CoA metabolic process	3	0.14	0.95146	0.65
5 d.p.i. <i>Pst(avr)</i>	trichome differentiation	3	0.14	0.95146	0.65
5 d.p.i. <i>Pst(avr)</i>	hair cell differentiation	3	0.14	0.95146	0.65
5 d.p.i. <i>Pst(avr)</i>	cellular macromolecule catabolic process	37	1.67	0.95310	0.81
5 d.p.i. <i>Pst(avr)</i>	mitosis	2	0.09	0.95320	0.68
5 d.p.i. <i>Pst(avr)</i>	negative regulation of flower development	2	0.09	0.95320	0.68
5 d.p.i. <i>Pst(avr)</i>	M phase of mitotic cell cycle	2	0.09	0.95320	0.68
5 d.p.i. <i>Pst(avr)</i>	protein folding	14	0.63	0.95369	0.73
5 d.p.i. <i>Pst(avr)</i>	protein import	4	0.18	0.95386	0.65

5 d.p.i. <i>Pst(avr)</i>	histone modification	3	0.14	0.95506	0.64
5 d.p.i. <i>Pst(avr)</i>	cellular response to stress	25	1.13	0.95519	0.77
5 d.p.i. <i>Pst(avr)</i>	starch metabolic process	2	0.09	0.95736	0.66
5 d.p.i. <i>Pst(avr)</i>	photorespiration	2	0.09	0.95736	0.66
5 d.p.i. <i>Pst(avr)</i>	indole and derivative metabolic process	2	0.09	0.95736	0.66
5 d.p.i. <i>Pst(avr)</i>	gravitropism	2	0.09	0.95736	0.66
5 d.p.i. <i>Pst(avr)</i>	indole derivative metabolic process	2	0.09	0.95736	0.66
5 d.p.i. <i>Pst(avr)</i>	pollination	7	0.32	0.95829	0.66
5 d.p.i. <i>Pst(avr)</i>	transmembrane receptor protein tyrosine kinase signaling pathway	7	0.32	0.96054	0.66
5 d.p.i. <i>Pst(avr)</i>	enzyme linked receptor protein signaling pathway	7	0.32	0.96054	0.66
5 d.p.i. <i>Pst(avr)</i>	plastid organization	5	0.23	0.96108	0.63
5 d.p.i. <i>Pst(avr)</i>	biogenic amine biosynthetic process	2	0.09	0.96114	0.65
5 d.p.i. <i>Pst(avr)</i>	protein import into nucleus	2	0.09	0.96114	0.65
5 d.p.i. <i>Pst(avr)</i>	cellulose biosynthetic process	2	0.09	0.96114	0.65
5 d.p.i. <i>Pst(avr)</i>	tetrapyrrole metabolic process	3	0.14	0.96151	0.62
5 d.p.i. <i>Pst(avr)</i>	positive regulation of cellular biosynthetic process	3	0.14	0.96151	0.62
5 d.p.i. <i>Pst(avr)</i>	porphyrin metabolic process	3	0.14	0.96151	0.62
5 d.p.i. <i>Pst(avr)</i>	negative regulation of response to stimulus	3	0.14	0.96151	0.62
5 d.p.i. <i>Pst(avr)</i>	positive regulation of biosynthetic process	3	0.14	0.96151	0.62
5 d.p.i. <i>Pst(avr)</i>	mitochondrial transport	3	0.14	0.96151	0.62
5 d.p.i. <i>Pst(avr)</i>	energy derivation by oxidation of organic compounds	4	0.18	0.96248	0.62
5 d.p.i. <i>Pst(avr)</i>	cell surface receptor linked signal transduction	9	0.41	0.96291	0.67
5 d.p.i. <i>Pst(avr)</i>	tRNA processing	3	0.14	0.96439	0.60
5 d.p.i. <i>Pst(avr)</i>	covalent chromatin modification	3	0.14	0.96439	0.60
5 d.p.i. <i>Pst(avr)</i>	positive regulation of developmental process	2	0.09	0.96459	0.63
5 d.p.i. <i>Pst(avr)</i>	nuclear import	2	0.09	0.96459	0.63
5 d.p.i. <i>Pst(avr)</i>	microtubule cytoskeleton organization	2	0.09	0.96459	0.63
5 d.p.i. <i>Pst(avr)</i>	ribonucleoside metabolic process	2	0.09	0.96459	0.63
5 d.p.i. <i>Pst(avr)</i>	cellular component morphogenesis	12	0.54	0.96583	0.69
5 d.p.i. <i>Pst(avr)</i>	cofactor metabolic process	16	0.72	0.96733	0.71
5 d.p.i. <i>Pst(avr)</i>	posttranscriptional gene silencing	2	0.09	0.96773	0.61
5 d.p.i. <i>Pst(avr)</i>	protein localization in nucleus	2	0.09	0.96773	0.61
5 d.p.i. <i>Pst(avr)</i>	aspartate family amino acid biosynthetic process	2	0.09	0.96773	0.61
5 d.p.i. <i>Pst(avr)</i>	nuclear division	2	0.09	0.96773	0.61
5 d.p.i. <i>Pst(avr)</i>	response to gravity	2	0.09	0.96773	0.61
5 d.p.i. <i>Pst(avr)</i>	negative regulation of nucleobase, nucleoside, nucleotide metabolic process	3	0.14	0.96955	0.58
5 d.p.i. <i>Pst(avr)</i>	RNA modification	3	0.14	0.96955	0.58
5 d.p.i. <i>Pst(avr)</i>	negative regulation of nitrogen compound metabolic process	3	0.14	0.96955	0.58
5 d.p.i. <i>Pst(avr)</i>	chlorophyll metabolic process	2	0.09	0.97321	0.58
5 d.p.i. <i>Pst(avr)</i>	reproductive process in a multicellular organism	2	0.09	0.97321	0.58
5 d.p.i. <i>Pst(avr)</i>	protein modification by small protein conjugation or removal	7	0.32	0.97344	0.62
5 d.p.i. <i>Pst(avr)</i>	protein targeting	6	0.27	0.97466	0.60
5 d.p.i. <i>Pst(avr)</i>	trichome morphogenesis	2	0.09	0.97559	0.56
5 d.p.i. <i>Pst(avr)</i>	macromolecule catabolic process	41	1.86	0.97571	0.78
5 d.p.i. <i>Pst(avr)</i>	organelle fission	3	0.14	0.97595	0.56
5 d.p.i. <i>Pst(avr)</i>	mRNA metabolic process	7	0.32	0.97767	0.61
5 d.p.i. <i>Pst(avr)</i>	methionine metabolic process	2	0.09	0.97776	0.55
5 d.p.i. <i>Pst(avr)</i>	isoprenoid biosynthetic process	5	0.23	0.97825	0.58
5 d.p.i. <i>Pst(avr)</i>	cellular amino acid biosynthetic process	9	0.41	0.97908	0.63

5 d.p.i. <i>Pst(avr)</i>	sulfur amino acid metabolic process	3	0.14	0.97948	0.54
5 d.p.i. <i>Pst(avr)</i>	multicellular organism reproduction	2	0.09	0.97973	0.54
5 d.p.i. <i>Pst(avr)</i>	actin filament-based process	3	0.14	0.98105	0.53
5 d.p.i. <i>Pst(avr)</i>	coenzyme metabolic process	10	0.45	0.98111	0.63
5 d.p.i. <i>Pst(avr)</i>	amine biosynthetic process	10	0.45	0.98111	0.63
5 d.p.i. <i>Pst(avr)</i>	heterocycle biosynthetic process	6	0.27	0.98138	0.58
5 d.p.i. <i>Pst(avr)</i>	chromosome organization	13	0.59	0.98502	0.64
5 d.p.i. <i>Pst(avr)</i>	DNA repair	9	0.41	0.98645	0.60
5 d.p.i. <i>Pst(avr)</i>	positive regulation of response to stimulus	2	0.09	0.98727	0.48
5 d.p.i. <i>Pst(avr)</i>	regulation of Ras protein signal transduction	2	0.09	0.98727	0.48
5 d.p.i. <i>Pst(avr)</i>	regulation of small GTPase mediated signal transduction	2	0.09	0.98727	0.48
5 d.p.i. <i>Pst(avr)</i>	mitotic cell cycle	2	0.09	0.98727	0.48
5 d.p.i. <i>Pst(avr)</i>	negative regulation of post-embryonic development	2	0.09	0.98840	0.47
5 d.p.i. <i>Pst(avr)</i>	transcription initiation	2	0.09	0.98840	0.47
5 d.p.i. <i>Pst(avr)</i>	chromatin organization	10	0.45	0.98886	0.60
5 d.p.i. <i>Pst(avr)</i>	negative regulation of transcription	2	0.09	0.98943	0.46
5 d.p.i. <i>Pst(avr)</i>	carbohydrate catabolic process	9	0.41	0.98974	0.58
5 d.p.i. <i>Pst(avr)</i>	glycolysis	3	0.14	0.99004	0.47
5 d.p.i. <i>Pst(avr)</i>	response to DNA damage stimulus	9	0.41	0.99030	0.58
5 d.p.i. <i>Pst(avr)</i>	plant-type cell wall biogenesis	2	0.09	0.99037	0.45
5 d.p.i. <i>Pst(avr)</i>	cellular carbohydrate catabolic process	6	0.27	0.99187	0.52
5 d.p.i. <i>Pst(avr)</i>	chloroplast organization	2	0.09	0.99396	0.41
5 d.p.i. <i>Pst(avr)</i>	negative regulation of macromolecule biosynthetic process	2	0.09	0.99543	0.39
5 d.p.i. <i>Pst(avr)</i>	cellular protein complex assembly	4	0.18	0.99638	0.43
5 d.p.i. <i>Pst(avr)</i>	alcohol catabolic process	4	0.18	0.99638	0.43
5 d.p.i. <i>Pst(avr)</i>	intracellular protein transport	12	0.54	0.99644	0.56
5 d.p.i. <i>Pst(avr)</i>	protein complex biogenesis	7	0.32	0.99647	0.49
5 d.p.i. <i>Pst(avr)</i>	protein complex assembly	7	0.32	0.99647	0.49
5 d.p.i. <i>Pst(avr)</i>	nuclear transport	2	0.09	0.99654	0.37
5 d.p.i. <i>Pst(avr)</i>	nucleocytoplasmic transport	2	0.09	0.99654	0.37
5 d.p.i. <i>Pst(avr)</i>	protein transport	24	1.09	0.99677	0.65
5 d.p.i. <i>Pst(avr)</i>	establishment of protein localization	24	1.09	0.99677	0.65
5 d.p.i. <i>Pst(avr)</i>	aspartate family amino acid metabolic process	2	0.09	0.99685	0.36
5 d.p.i. <i>Pst(avr)</i>	negative regulation of biosynthetic process	2	0.09	0.99685	0.36
5 d.p.i. <i>Pst(avr)</i>	negative regulation of cellular biosynthetic process	2	0.09	0.99685	0.36
5 d.p.i. <i>Pst(avr)</i>	cellular macromolecule localization	13	0.59	0.99775	0.55
5 d.p.i. <i>Pst(avr)</i>	cellular protein localization	12	0.54	0.99795	0.54
5 d.p.i. <i>Pst(avr)</i>	RNA processing	17	0.77	0.99796	0.59
5 d.p.i. <i>Pst(avr)</i>	chromatin assembly or disassembly	2	0.09	0.99836	0.33
5 d.p.i. <i>Pst(avr)</i>	protein localization	24	1.09	0.99840	0.62
5 d.p.i. <i>Pst(avr)</i>	glucose catabolic process	3	0.14	0.99851	0.36
5 d.p.i. <i>Pst(avr)</i>	vesicle-mediated transport	12	0.54	0.99862	0.53
5 d.p.i. <i>Pst(avr)</i>	monosaccharide catabolic process	3	0.14	0.99863	0.35
5 d.p.i. <i>Pst(avr)</i>	hexose catabolic process	3	0.14	0.99863	0.35
5 d.p.i. <i>Pst(avr)</i>	glucose metabolic process	3	0.14	0.99941	0.32
5 d.p.i. <i>Pst(avr)</i>	macromolecular complex subunit organization	9	0.41	0.99976	0.43
5 d.p.i. <i>Pst(avr)</i>	cellular macromolecular complex subunit organization	6	0.27	0.99976	0.37
5 d.p.i. <i>Pst(avr)</i>	cell morphogenesis involved in differentiation	2	0.09	0.99977	0.25
5 d.p.i. <i>Pst(avr)</i>	intracellular transport	16	0.72	0.99979	0.51

5 d.p.i. <i>Pst(avr)</i>	macromolecular complex assembly	8	0.36	0.99980	0.41
5 d.p.i. <i>Pst(avr)</i>	hexose metabolic process	4	0.18	0.99980	0.32
5 d.p.i. <i>Pst(avr)</i>	monosaccharide metabolic process	5	0.23	0.99981	0.34
5 d.p.i. <i>Pst(avr)</i>	cellular macromolecular complex assembly	5	0.23	0.99984	0.34
				8.09E-	
1 mM SA	defense response	149	5.26	10	1.63
1 mM SA	cell killing	43	1.52	0.00043	1.73
1 mM SA	killing of cells of another organism	43	1.52	0.00043	1.73
1 mM SA	response to fungus	56	1.98	0.00212	1.49
1 mM SA	defense response to fungus	50	1.77	0.00411	1.49
1 mM SA	innate immune response	41	1.45	0.00544	1.54
1 mM SA	immune response	43	1.52	0.00676	1.50
1 mM SA	inorganic anion transport	12	0.42	0.00995	2.36
1 mM SA	death	38	1.34	0.01275	1.49
1 mM SA	cell death	38	1.34	0.01275	1.49
1 mM SA	lipid transport	20	0.71	0.01853	1.74
1 mM SA	polar nucleus fusion	6	0.21	0.01898	3.62
1 mM SA	vegetative phase change	4	0.14	0.02079	6.03
1 mM SA	response to organic substance	121	4.27	0.02214	1.20
1 mM SA	response to nutrient levels	13	0.46	0.02274	2.03
1 mM SA	organelle fusion	6	0.21	0.02515	3.39
1 mM SA	karyogamy	6	0.21	0.02515	3.39
1 mM SA	embryo sac central cell differentiation	6	0.21	0.02515	3.39
1 mM SA	RNA interference, production of ta-siRNAs	5	0.18	0.02585	4.11
1 mM SA	cellular response to nutrient levels	11	0.39	0.02613	2.16
1 mM SA	nucleus organization	7	0.25	0.02828	2.88
1 mM SA	fatty acid biosynthetic process	24	0.85	0.03082	1.56
1 mM SA	response to extracellular stimulus	14	0.49	0.03705	1.84
1 mM SA	oxylipin biosynthetic process	7	0.25	0.04220	2.64
1 mM SA	lipid localization	20	0.71	0.04369	1.59
1 mM SA	cellular response to extracellular stimulus	12	0.42	0.04509	1.90
1 mM SA	oxylipin metabolic process	7	0.25	0.05053	2.53
1 mM SA	programmed cell death	31	1.09	0.05599	1.39
1 mM SA	apoptosis	25	0.88	0.05818	1.45
1 mM SA	purine nucleoside monophosphate metabolic process	5	0.18	0.06005	3.23
1 mM SA	purine ribonucleoside monophosphate biosynthetic process	5	0.18	0.06005	3.23
1 mM SA	purine nucleoside monophosphate biosynthetic process	5	0.18	0.06005	3.23
1 mM SA	purine ribonucleoside monophosphate metabolic process	5	0.18	0.06005	3.23
1 mM SA	membrane lipid metabolic process	8	0.28	0.06498	2.19
1 mM SA	IMP metabolic process	4	0.14	0.06785	4.02
1 mM SA	IMP biosynthetic process	4	0.14	0.06785	4.02
1 mM SA	sulfur metabolic process	24	0.85	0.06858	1.44
1 mM SA	response to bacterium	31	1.09	0.06896	1.36
1 mM SA	nucleoside monophosphate biosynthetic process	7	0.25	0.07000	2.35
1 mM SA	response to jasmonic acid stimulus	20	0.71	0.07203	1.50
1 mM SA	ribonucleoside monophosphate biosynthetic process	6	0.21	0.07396	2.58
1 mM SA	nucleoside monophosphate metabolic process	7	0.25	0.08114	2.26
1 mM SA	cellular response to phosphate starvation	7	0.25	0.08114	2.26
1 mM SA	lipid biosynthetic process	50	1.77	0.08157	1.24
1 mM SA	flower development	27	0.95	0.08328	1.37

1 mM SA	cellular response to starvation	9	0.32	0.08568	1.94
1 mM SA	response to salicylic acid stimulus	19	0.67	0.08572	1.48
1 mM SA	ribonucleoside monophosphate metabolic process	6	0.21	0.08740	2.47
1 mM SA	membrane lipid biosynthetic process	6	0.21	0.08740	2.47
1 mM SA	anion transport	13	0.46	0.08757	1.66
1 mM SA	meristem development	14	0.49	0.09170	1.60
1 mM SA	response to carbohydrate stimulus	24	0.85	0.09619	1.38
1 mM SA	response to endogenous stimulus	94	3.32	0.11283	1.14
1 mM SA	gene silencing by miRNA, production of miRNAs	4	0.14	0.11298	3.29
1 mM SA	posttranscriptional gene silencing	8	0.28	0.11947	1.90
1 mM SA	response to sucrose stimulus	7	0.25	0.12005	2.04
1 mM SA	purine nucleotide biosynthetic process	18	0.64	0.12226	1.43
1 mM SA	jasmonic acid biosynthetic process	5	0.18	0.12943	2.51
1 mM SA	RNA interference, production of siRNA	5	0.18	0.12943	2.51
1 mM SA	glycolipid metabolic process	5	0.18	0.12943	2.51
1 mM SA	response to disaccharide stimulus	7	0.25	0.13476	1.98
1 mM SA	maintenance of DNA methylation	3	0.11	0.13535	4.52
1 mM SA	cellular response to sulfate starvation	3	0.11	0.13535	4.52
1 mM SA	purine ribonucleotide metabolic process	17	0.60	0.13635	1.42
1 mM SA	purine ribonucleotide biosynthetic process	17	0.60	0.13635	1.42
1 mM SA	negative regulation of gene expression	15	0.53	0.14238	1.46
1 mM SA	purine nucleotide metabolic process	18	0.64	0.14484	1.39
1 mM SA	ribonucleotide biosynthetic process	18	0.64	0.14484	1.39
1 mM SA	double fertilization forming a zygote and endosperm	5	0.18	0.15041	2.38
1 mM SA	jasmonic acid metabolic process	5	0.18	0.15041	2.38
1 mM SA	response to starvation	9	0.32	0.15430	1.70
1 mM SA	response to abscisic acid stimulus	31	1.09	0.15859	1.25
1 mM SA	ribonucleotide metabolic process	18	0.64	0.16109	1.37
1 mM SA	homeostatic process	32	1.13	0.16272	1.24
1 mM SA	photosynthesis, light reaction	11	0.39	0.16388	1.55
1 mM SA	gene silencing by miRNA	4	0.14	0.16641	2.78
1 mM SA	photosynthesis	18	0.64	0.16957	1.36
1 mM SA	response to chitin	15	0.53	0.17010	1.41
1 mM SA	cellular homeostasis	27	0.95	0.17218	1.26
1 mM SA	fertilization	5	0.18	0.17257	2.26
1 mM SA	iron ion transport	5	0.18	0.17257	2.26
1 mM SA	response to nutrient	3	0.11	0.17612	3.88
1 mM SA	regulation of gene expression, epigenetic	14	0.49	0.17979	1.42
1 mM SA	defense response to bacterium	22	0.78	0.18119	1.29
1 mM SA	megagametogenesis	7	0.25	0.18348	1.81
1 mM SA	glycoside biosynthetic process	10	0.35	0.18562	1.56
1 mM SA	gene silencing	10	0.35	0.18562	1.56
1 mM SA	fatty acid metabolic process	26	0.92	0.18827	1.25
1 mM SA	glycosinolate biosynthetic process	6	0.21	0.19061	1.94
1 mM SA	photosynthesis, light harvesting	6	0.21	0.19061	1.94
1 mM SA	S-glycoside biosynthetic process	6	0.21	0.19061	1.94
1 mM SA	glucosinolate biosynthetic process	6	0.21	0.19061	1.94
1 mM SA	regulation of transcription	190	6.71	0.19143	1.07
1 mM SA	ion transport	52	1.84	0.19270	1.15

1 mM SA	sulfate transport	4	0.14	0.19542	2.58
1 mM SA	response to mechanical stimulus	4	0.14	0.19542	2.58
1 mM SA	phosphate transport	4	0.14	0.19542	2.58
1 mM SA	glycolipid biosynthetic process	4	0.14	0.19542	2.58
1 mM SA	dsRNA fragmentation	5	0.18	0.19578	2.15
1 mM SA	response to dsRNA	5	0.18	0.19578	2.15
1 mM SA	response to oxidative stress	31	1.09	0.19662	1.21
1 mM SA	response to wounding	17	0.60	0.20759	1.33
1 mM SA	isoleucine biosynthetic process	2	0.07	0.20870	9.05
1 mM SA	response to vitamin	2	0.07	0.20870	9.05
1 mM SA	internode patterning	2	0.07	0.20870	9.05
1 mM SA	response to vitamin B1	2	0.07	0.20870	9.05
1 mM SA	maintenance of inflorescence meristem identity	2	0.07	0.20870	9.05
1 mM SA	isoleucine metabolic process	2	0.07	0.20870	9.05
1 mM SA	stamen development	6	0.21	0.21091	1.87
1 mM SA	androecium development	6	0.21	0.21091	1.87
1 mM SA	DNA methylation	6	0.21	0.21091	1.87
1 mM SA	DNA alkylation	6	0.21	0.21091	1.87
1 mM SA	anthocyanin biosynthetic process	3	0.11	0.21844	3.39
1 mM SA	calcium-mediated signaling	3	0.11	0.21844	3.39
1 mM SA	glutathione metabolic process	3	0.11	0.21844	3.39
1 mM SA	RNA interference	5	0.18	0.21986	2.06
1 mM SA	meristem maintenance	8	0.28	0.22392	1.61
1 mM SA	gibberellin metabolic process	4	0.14	0.22553	2.41
1 mM SA	posttranscriptional gene silencing by RNA	6	0.21	0.23185	1.81
1 mM SA	gene silencing by RNA	7	0.25	0.23799	1.67
1 mM SA	polysaccharide catabolic process	10	0.35	0.24183	1.46
1 mM SA	hormone metabolic process	10	0.35	0.24183	1.46
1 mM SA	DNA modification	6	0.21	0.25335	1.75
1 mM SA	cytokinin metabolic process	4	0.14	0.25643	2.26
1 mM SA	peptide metabolic process	4	0.14	0.25643	2.26
1 mM SA	second-messenger-mediated signaling	4	0.14	0.25643	2.26
1 mM SA	diterpenoid metabolic process	4	0.14	0.25643	2.26
1 mM SA	cellular cation homeostasis	10	0.35	0.25674	1.44
1 mM SA	ripening	3	0.11	0.26147	3.02
1 mM SA	cellular ion homeostasis	11	0.39	0.26904	1.38
1 mM SA	defense response to bacterium, incompatible interaction	5	0.18	0.27006	1.88
1 mM SA	salicylic acid mediated signaling pathway	5	0.18	0.27006	1.88
1 mM SA	sulfur compound biosynthetic process	14	0.49	0.27135	1.31
1 mM SA	di-, tri-valent inorganic cation transport	8	0.28	0.27614	1.51
1 mM SA	cellular metal ion homeostasis	7	0.25	0.27673	1.58
1 mM SA	metal ion homeostasis	7	0.25	0.27673	1.58
1 mM SA	regulation of transcription, DNA-dependent	103	3.64	0.27869	1.07
1 mM SA	polysaccharide metabolic process	25	0.88	0.28098	1.18
1 mM SA	cation homeostasis	11	0.39	0.28351	1.36
1 mM SA	cellular chemical homeostasis	11	0.39	0.28351	1.36
1 mM SA	response to hormone stimulus	83	2.93	0.28439	1.08
1 mM SA	actin filament-based process	10	0.35	0.28738	1.39
1 mM SA	ethylene metabolic process	4	0.14	0.28786	2.13

1 mM SA	ethylene biosynthetic process	4	0.14	0.28786	2.13
1 mM SA	aging	9	0.32	0.29101	1.43
1 mM SA	regulation of RNA metabolic process	103	3.64	0.29158	1.06
1 mM SA	carboxylic acid biosynthetic process	44	1.55	0.29307	1.12
1 mM SA	organic acid biosynthetic process	44	1.55	0.29307	1.12
1 mM SA	cellular hormone metabolic process	5	0.18	0.29587	1.81
1 mM SA	cellular aldehyde metabolic process	5	0.18	0.29587	1.81
1 mM SA	negative regulation of cell differentiation	5	0.18	0.29587	1.81
1 mM SA	inositol phosphate dephosphorylation	2	0.07	0.29611	6.03
1 mM SA	thalianol metabolic process	2	0.07	0.29611	6.03
1 mM SA	RNA interference, production of lsiRNA	2	0.07	0.29611	6.03
1 mM SA	phosphorylated carbohydrate dephosphorylation	2	0.07	0.29611	6.03
1 mM SA	xylem and phloem pattern formation	6	0.21	0.29764	1.64
1 mM SA	negative regulation of macromolecule metabolic process	15	0.53	0.30337	1.26
1 mM SA	ion homeostasis	12	0.42	0.30734	1.31
1 mM SA	post-embryonic organ development	18	0.64	0.30904	1.22
1 mM SA	floral whorl development	11	0.39	0.31306	1.33
1 mM SA	response to drug	11	0.39	0.31306	1.33
1 mM SA	drug transport	11	0.39	0.31306	1.33
1 mM SA	cellular alkene metabolic process	4	0.14	0.31955	2.01
1 mM SA	alkene biosynthetic process	4	0.14	0.31955	2.01
1 mM SA	defense response to virus	4	0.14	0.31955	2.01
1 mM SA	response to auxin stimulus	32	1.13	0.31959	1.13
1 mM SA	cell fate commitment	5	0.18	0.32196	1.74
1 mM SA	di-, tri-valent inorganic cation homeostasis	8	0.28	0.33104	1.42
1 mM SA	chemical homeostasis	14	0.49	0.33514	1.24
1 mM SA	lipid catabolic process	21	0.74	0.34312	1.17
1 mM SA	cellular carbohydrate biosynthetic process	22	0.78	0.34641	1.16
1 mM SA	regulation of meristem growth	4	0.14	0.35126	1.90
1 mM SA	carbohydrate biosynthetic process	28	0.99	0.35281	1.13
1 mM SA	nucleotide biosynthetic process	19	0.67	0.35775	1.17
1 mM SA	glucan catabolic process	6	0.21	0.36593	1.51
1 mM SA	auxin metabolic process	6	0.21	0.36593	1.51
1 mM SA	response to virus	6	0.21	0.36593	1.51
1 mM SA	multidrug transport	10	0.35	0.36740	1.29
1 mM SA	tyrosine biosynthetic process	2	0.07	0.37388	4.52
1 mM SA	tricyclic triterpenoid metabolic process	2	0.07	0.37388	4.52
1 mM SA	plasmodesmata-mediated intercellular transport	2	0.07	0.37388	4.52
1 mM SA	lipid A biosynthetic process	2	0.07	0.37388	4.52
1 mM SA	regulation of cellular defense response	2	0.07	0.37388	4.52
1 mM SA	nonphotochemical quenching	2	0.07	0.37388	4.52
1 mM SA	lipid A metabolic process	2	0.07	0.37388	4.52
1 mM SA	response to aluminum ion	2	0.07	0.37388	4.52
1 mM SA	intercellular transport	2	0.07	0.37388	4.52
1 mM SA	SCF-dependent proteasomal ubiquitin-dependent protein catabolic process	2	0.07	0.37388	4.52
1 mM SA	root morphogenesis	11	0.39	0.37392	1.26
1 mM SA	photosynthetic electron transport chain	4	0.14	0.38280	1.81
1 mM SA	pseudouridine synthesis	4	0.14	0.38280	1.81
1 mM SA	nucleobase, nucleoside and nucleotide biosynthetic process	20	0.71	0.38282	1.15

1 mM SA	nucleobase, nucleoside, nucleotide and nucleic acid biosynthetic process	20	0.71	0.38282	1.15
1 mM SA	regionalization	10	0.35	0.38374	1.27
1 mM SA	anthocyanin metabolic process	3	0.11	0.38875	2.26
1 mM SA	defense response, incompatible interaction	11	0.39	0.38936	1.24
1 mM SA	external encapsulating structure organization	29	1.02	0.39052	1.10
1 mM SA	cellular di-, tri-valent inorganic cation homeostasis	7	0.25	0.39881	1.38
1 mM SA	jasmonic acid mediated signaling pathway	5	0.18	0.40065	1.56
1 mM SA	floral organ development	12	0.42	0.40878	1.21
1 mM SA	response to water deprivation	16	0.56	0.41990	1.15
1 mM SA	ncRNA metabolic process	21	0.74	0.42813	1.11
1 mM SA	proteasomal ubiquitin-dependent protein catabolic process	3	0.11	0.42918	2.09
1 mM SA	negative regulation of cell death	3	0.11	0.42918	2.09
1 mM SA	gibberellin biosynthetic process	3	0.11	0.42918	2.09
1 mM SA	iron ion homeostasis	3	0.11	0.42918	2.09
1 mM SA	amino acid activation	9	0.32	0.42941	1.25
1 mM SA	tRNA aminoacylation for protein translation	9	0.32	0.42941	1.25
1 mM SA	tRNA aminoacylation	9	0.32	0.42941	1.25
1 mM SA	tRNA metabolic process	15	0.53	0.43059	1.15
1 mM SA	multicellular organism reproduction	6	0.21	0.43443	1.39
1 mM SA	maintenance of floral meristem identity	2	0.07	0.44305	3.62
1 mM SA	glutamate biosynthetic process	2	0.07	0.44305	3.62
1 mM SA	lipopolysaccharide biosynthetic process	2	0.07	0.44305	3.62
1 mM SA	hormone catabolic process	2	0.07	0.44305	3.62
1 mM SA	cell motion	2	0.07	0.44305	3.62
1 mM SA	cell motility	2	0.07	0.44305	3.62
1 mM SA	rhamnogalacturonan II biosynthetic process	2	0.07	0.44305	3.62
1 mM SA	response to mannitol stimulus	2	0.07	0.44305	3.62
1 mM SA	defense response to insect	2	0.07	0.44305	3.62
1 mM SA	lipopolysaccharide metabolic process	2	0.07	0.44305	3.62
1 mM SA	cytokinin catabolic process	2	0.07	0.44305	3.62
1 mM SA	xyloglucan biosynthetic process	2	0.07	0.44305	3.62
1 mM SA	localization of cell	2	0.07	0.44305	3.62
1 mM SA	ciliary or flagellar motility	2	0.07	0.44305	3.62
1 mM SA	organophosphate metabolic process	15	0.53	0.44353	1.14
1 mM SA	cell redox homeostasis	15	0.53	0.44353	1.14
1 mM SA	transition metal ion transport	8	0.28	0.44378	1.27
1 mM SA	immune effector process	4	0.14	0.44461	1.64
1 mM SA	cell fate specification	4	0.14	0.44461	1.64
1 mM SA	stem cell maintenance	4	0.14	0.44461	1.64
1 mM SA	protein-chromophore linkage	4	0.14	0.44461	1.64
1 mM SA	cellular polysaccharide metabolic process	17	0.60	0.44605	1.12
1 mM SA	glucan metabolic process	17	0.60	0.44605	1.12
1 mM SA	sulfur amino acid metabolic process	9	0.32	0.44683	1.23
1 mM SA	purine ribonucleoside triphosphate metabolic process	12	0.42	0.45288	1.17
1 mM SA	auxin mediated signaling pathway	12	0.42	0.45288	1.17
1 mM SA	response to hydrogen peroxide	12	0.42	0.45288	1.17
1 mM SA	ribonucleoside triphosphate biosynthetic process	12	0.42	0.45288	1.17
1 mM SA	purine nucleoside triphosphate biosynthetic process	12	0.42	0.45288	1.17
1 mM SA	purine ribonucleoside triphosphate biosynthetic process	12	0.42	0.45288	1.17

1 mM SA	purine nucleoside triphosphate metabolic process	12	0.42	0.45288	1.17
1 mM SA	ribonucleoside triphosphate metabolic process	12	0.42	0.45288	1.17
1 mM SA	cell wall organization	27	0.95	0.45296	1.08
1 mM SA	phospholipid metabolic process	14	0.49	0.45543	1.14
1 mM SA	S-glycoside metabolic process	6	0.21	0.45696	1.36
1 mM SA	glycosinolate metabolic process	6	0.21	0.45696	1.36
1 mM SA	carpel development	6	0.21	0.45696	1.36
1 mM SA	glucosinolate metabolic process	6	0.21	0.45696	1.36
1 mM SA	posttranscriptional regulation of gene expression	10	0.35	0.46554	1.19
1 mM SA	glycoside metabolic process	10	0.35	0.46554	1.19
1 mM SA	pattern specification process	11	0.39	0.46662	1.17
1 mM SA	nucleoside triphosphate biosynthetic process	12	0.42	0.46750	1.15
1 mM SA	diterpenoid biosynthetic process	3	0.11	0.46814	1.94
1 mM SA	peptidyl-histidine phosphorylation	3	0.11	0.46814	1.94
1 mM SA	stem cell development	4	0.14	0.47460	1.57
1 mM SA	circadian rhythm	5	0.18	0.47757	1.41
1 mM SA	meristem structural organization	5	0.18	0.47757	1.41
1 mM SA	sexual reproduction	7	0.25	0.48027	1.27
1 mM SA	embryo sac development	9	0.32	0.48141	1.20
1 mM SA	nucleoside triphosphate metabolic process	12	0.42	0.48207	1.14
1 mM SA	phospholipid biosynthetic process	9	0.32	0.49849	1.18
1 mM SA	cellular response to hydrogen peroxide	9	0.32	0.49849	1.18
1 mM SA	hydrogen peroxide catabolic process	9	0.32	0.49849	1.18
1 mM SA	response to red light	6	0.21	0.50118	1.29
1 mM SA	methionine metabolic process	6	0.21	0.50118	1.29
1 mM SA	calcium ion homeostasis	4	0.14	0.50383	1.51
1 mM SA	cellulose catabolic process	4	0.14	0.50383	1.51
1 mM SA	cellular calcium ion homeostasis	4	0.14	0.50383	1.51
1 mM SA	systemic acquired resistance	4	0.14	0.50383	1.51
1 mM SA	stem cell differentiation	4	0.14	0.50383	1.51
1 mM SA	regulation of cell proliferation	4	0.14	0.50383	1.51
1 mM SA	pathogenesis	2	0.07	0.50460	3.02
1 mM SA	de novo IMP biosynthetic process	2	0.07	0.50460	3.02
1 mM SA	membrane lipid catabolic process	2	0.07	0.50460	3.02
1 mM SA	abaxial cell fate specification	2	0.07	0.50460	3.02
1 mM SA	regulation of chromosome organization	2	0.07	0.50460	3.02
1 mM SA	tyrosine metabolic process	2	0.07	0.50460	3.02
1 mM SA	thiamin biosynthetic process	2	0.07	0.50460	3.02
1 mM SA	anther dehiscence	2	0.07	0.50460	3.02
1 mM SA	regulation of root meristem growth	2	0.07	0.50460	3.02
1 mM SA	polyamine metabolic process	3	0.11	0.50546	1.81
1 mM SA	peptidyl-histidine modification	3	0.11	0.50546	1.81
1 mM SA	proteasomal protein catabolic process	3	0.11	0.50546	1.81
1 mM SA	negative regulation of defense response	3	0.11	0.50546	1.81
1 mM SA	carbon utilization by fixation of carbon dioxide	3	0.11	0.50546	1.81
1 mM SA	regulation of circadian rhythm	3	0.11	0.50546	1.81
1 mM SA	response to water	16	0.56	0.50682	1.09
1 mM SA	regulation of hormone levels	12	0.42	0.51093	1.12
1 mM SA	ATP metabolic process	11	0.39	0.51223	1.13

1 mM SA	ATP biosynthetic process	11	0.39	0.51223	1.13
1 mM SA	plant-type cell wall organization	8	0.28	0.51739	1.19
1 mM SA	positive regulation of nucleobase, nucleoside, nucleotide metabolic process	7	0.25	0.51979	1.22
1 mM SA	positive regulation of nitrogen compound metabolic process	7	0.25	0.51979	1.22
1 mM SA	response to salt stress	35	1.24	0.52093	1.03
1 mM SA	lateral root development	6	0.21	0.52277	1.26
1 mM SA	organ formation	4	0.14	0.53218	1.45
1 mM SA	post-embryonic morphogenesis	8	0.28	0.53527	1.17
1 mM SA	cell wall modification	12	0.42	0.53932	1.10
1 mM SA	protein amino acid phosphorylation	111	3.92	0.54006	1.00
1 mM SA	glutamate metabolic process	3	0.11	0.54103	1.70
1 mM SA	nitrate metabolic process	3	0.11	0.54103	1.70
1 mM SA	anther development	3	0.11	0.54103	1.70
1 mM SA	nitrate assimilation	3	0.11	0.54103	1.70
1 mM SA	copper ion transport	3	0.11	0.54103	1.70
1 mM SA	dephosphorylation	9	0.32	0.54863	1.13
1 mM SA	hydrogen peroxide metabolic process	9	0.32	0.54863	1.13
1 mM SA	microtubule cytoskeleton organization	5	0.18	0.55036	1.29
1 mM SA	anatomical structure arrangement	5	0.18	0.55036	1.29
1 mM SA	hormone biosynthetic process	5	0.18	0.55036	1.29
1 mM SA	response to osmotic stress	37	1.31	0.55089	1.02
1 mM SA	cellular amino acid derivative biosynthetic process	17	0.60	0.55287	1.05
1 mM SA	aspartate family amino acid metabolic process	8	0.28	0.55288	1.15
1 mM SA	transmembrane transport	20	0.71	0.55755	1.04
1 mM SA	response to low light intensity stimulus	2	0.07	0.55934	2.58
1 mM SA	manganese ion transport	2	0.07	0.55934	2.58
1 mM SA	glyoxylate cycle	2	0.07	0.55934	2.58
1 mM SA	modulation of RNA levels in other organism during symbiotic interaction	2	0.07	0.55934	2.58
1 mM SA	fatty acid elongation	2	0.07	0.55934	2.58
1 mM SA	RNA-dependent DNA replication	2	0.07	0.55934	2.58
1 mM SA	inositol trisphosphate metabolic process	2	0.07	0.55934	2.58
1 mM SA	basipetal auxin transport	2	0.07	0.55934	2.58
1 mM SA	galactolipid biosynthetic process	2	0.07	0.55934	2.58
1 mM SA	regulation of response to biotic stimulus	2	0.07	0.55934	2.58
1 mM SA	virus induced gene silencing	2	0.07	0.55934	2.58
1 mM SA	galactolipid metabolic process	2	0.07	0.55934	2.58
1 mM SA	modulation by symbiont of RNA levels in host	2	0.07	0.55934	2.58
1 mM SA	phosphorus metabolic process	128	4.52	0.56401	1.00
1 mM SA	phosphate metabolic process	128	4.52	0.56401	1.00
1 mM SA	response to blue light	6	0.21	0.56465	1.21
1 mM SA	actin cytoskeleton organization	6	0.21	0.56465	1.21
1 mM SA	cytoskeleton-dependent intracellular transport	3	0.11	0.57479	1.60
1 mM SA	protein targeting to vacuole	3	0.11	0.57479	1.60
1 mM SA	plant-type spore development	3	0.11	0.57479	1.60
1 mM SA	chitin catabolic process	3	0.11	0.57479	1.60
1 mM SA	maintenance of meristem identity	3	0.11	0.57479	1.60
1 mM SA	cellular component disassembly	3	0.11	0.57479	1.60
1 mM SA	aminoglycan catabolic process	3	0.11	0.57479	1.60
1 mM SA	secondary cell wall biogenesis	3	0.11	0.57479	1.60

1 mM SA	chitin metabolic process	3	0.11	0.57479	1.60
1 mM SA	actin filament-based movement	3	0.11	0.57479	1.60
1 mM SA	leaf vascular tissue pattern formation	3	0.11	0.57479	1.60
1 mM SA	gynoecium development	6	0.21	0.58487	1.18
1 mM SA	L-serine metabolic process	4	0.14	0.58603	1.34
1 mM SA	transcription	115	4.06	0.58803	0.99
1 mM SA	cellular glucan metabolic process	13	0.46	0.58970	1.05
1 mM SA	reproductive process in a multicellular organism	5	0.18	0.59579	1.22
1 mM SA	microtubule-based movement	9	0.32	0.59660	1.09
1 mM SA	post-embryonic root development	6	0.21	0.60458	1.15
1 mM SA	oxidation reduction	103	3.64	0.60458	0.99
1 mM SA	response to gibberellin stimulus	10	0.35	0.60519	1.06
1 mM SA	regulation of development, heterochronic	3	0.11	0.60670	1.51
1 mM SA	glycine metabolic process	3	0.11	0.60670	1.51
1 mM SA	trehalose biosynthetic process	3	0.11	0.60670	1.51
1 mM SA	embryonic meristem development	3	0.11	0.60670	1.51
1 mM SA	sphingolipid metabolic process	3	0.11	0.60670	1.51
1 mM SA	leaf senescence	3	0.11	0.60670	1.51
1 mM SA	organ senescence	3	0.11	0.60670	1.51
1 mM SA	cellular amino acid derivative metabolic process	24	0.85	0.60718	1.01
1 mM SA	cellular response to nitrogen starvation	2	0.07	0.60804	2.26
1 mM SA	thiamin and derivative metabolic process	2	0.07	0.60804	2.26
1 mM SA	cadmium ion transport	2	0.07	0.60804	2.26
1 mM SA	aromatic amino acid family biosynthetic process, prephenate pathway	2	0.07	0.60804	2.26
1 mM SA	modification by symbiont of host morphology or physiology	2	0.07	0.60804	2.26
1 mM SA	lateral root primordium development	2	0.07	0.60804	2.26
1 mM SA	glyoxylate metabolic process	2	0.07	0.60804	2.26
1 mM SA	chloride transport	2	0.07	0.60804	2.26
1 mM SA	thiamin metabolic process	2	0.07	0.60804	2.26
1 mM SA	glycerol ether metabolic process	2	0.07	0.60804	2.26
1 mM SA	secondary shoot formation	2	0.07	0.60804	2.26
1 mM SA	shoot formation	2	0.07	0.60804	2.26
1 mM SA	sphingolipid biosynthetic process	2	0.07	0.60804	2.26
1 mM SA	cytokinin biosynthetic process	2	0.07	0.60804	2.26
1 mM SA	organic ether metabolic process	2	0.07	0.60804	2.26
1 mM SA	thiamin and derivative biosynthetic process	2	0.07	0.60804	2.26
1 mM SA	cation transport	34	1.20	0.60981	1.00
1 mM SA	regulation of developmental growth	4	0.14	0.61141	1.29
1 mM SA	two-component signal transduction system (phosphorelay)	19	0.67	0.61257	1.01
1 mM SA	RNA modification	7	0.25	0.61264	1.11
1 mM SA	proton transport	7	0.25	0.61264	1.11
1 mM SA	positive regulation of macromolecule metabolic process	7	0.25	0.61264	1.11
1 mM SA	hydrogen transport	7	0.25	0.61264	1.11
1 mM SA	serine family amino acid metabolic process	6	0.21	0.62374	1.13
1 mM SA	cellular response to reactive oxygen species	9	0.32	0.62712	1.06
1 mM SA	root development	19	0.67	0.63294	1.00
1 mM SA	root system development	19	0.67	0.63294	1.00
1 mM SA	very-long-chain fatty acid metabolic process	3	0.11	0.63675	1.43
1 mM SA	trehalose metabolic process	3	0.11	0.63675	1.43

1 mM SA	protein processing	3	0.11	0.63675	1.43
1 mM SA	plant-type cell wall modification during multidimensional cell growth	3	0.11	0.63675	1.43
1 mM SA	ATP synthesis coupled proton transport	5	0.18	0.63836	1.16
1 mM SA	energy coupled proton transport, down electrochemical gradient	5	0.18	0.63836	1.16
1 mM SA	response to light stimulus	41	1.45	0.63978	0.98
1 mM SA	cytoskeleton organization	11	0.39	0.63997	1.03
1 mM SA	cellular polysaccharide biosynthetic process	11	0.39	0.63997	1.03
1 mM SA	cellular response to oxidative stress	9	0.32	0.64190	1.04
1 mM SA	phosphorylation	117	4.13	0.64706	0.98
1 mM SA	response to zinc ion	2	0.07	0.65136	2.01
1 mM SA	cortical microtubule organization	2	0.07	0.65136	2.01
1 mM SA	response to molecule of bacterial origin	2	0.07	0.65136	2.01
1 mM SA	flavonoid biosynthetic process	5	0.18	0.65852	1.13
1 mM SA	host programmed cell death induced by symbiont	5	0.18	0.65852	1.13
1 mM SA	plant-type cell wall modification	4	0.14	0.65897	1.21
1 mM SA	disaccharide biosynthetic process	4	0.14	0.65897	1.21
1 mM SA	response to UV-B	4	0.14	0.65897	1.21
1 mM SA	post-embryonic root morphogenesis	3	0.11	0.66496	1.36
1 mM SA	cell wall modification during multidimensional cell growth	3	0.11	0.66496	1.36
1 mM SA	protein maturation	3	0.11	0.66496	1.36
1 mM SA	aminoglycan metabolic process	3	0.11	0.66496	1.36
1 mM SA	lateral root morphogenesis	3	0.11	0.66496	1.36
1 mM SA	auxin biosynthetic process	3	0.11	0.66496	1.36
1 mM SA	cysteine biosynthetic process	3	0.11	0.66496	1.36
1 mM SA	metal ion transport	22	0.78	0.67708	0.97
1 mM SA	positive regulation of macromolecule biosynthetic process	6	0.21	0.67774	1.06
1 mM SA	rhythmic process	5	0.18	0.67790	1.10
1 mM SA	intracellular signaling cascade	69	2.44	0.68168	0.97
1 mM SA	response to radiation	42	1.48	0.68384	0.96
1 mM SA	gametophyte development	18	0.64	0.68650	0.97
1 mM SA	cellular response to nitrogen levels	2	0.07	0.68990	1.81
1 mM SA	regulation of multi-organism process	2	0.07	0.68990	1.81
1 mM SA	response to insect	2	0.07	0.68990	1.81
1 mM SA	cytoplasmic microtubule organization	2	0.07	0.68990	1.81
1 mM SA	cortical cytoskeleton organization	2	0.07	0.68990	1.81
1 mM SA	reductive pentose-phosphate cycle	2	0.07	0.68990	1.81
1 mM SA	dehiscence	2	0.07	0.68990	1.81
1 mM SA	inositol phosphate metabolic process	2	0.07	0.68990	1.81
1 mM SA	regulation of protein complex disassembly	2	0.07	0.68990	1.81
1 mM SA	polyamine biosynthetic process	2	0.07	0.68990	1.81
1 mM SA	pectin biosynthetic process	2	0.07	0.68990	1.81
1 mM SA	threonine metabolic process	2	0.07	0.68990	1.81
1 mM SA	ethylene mediated signaling pathway	14	0.49	0.69012	0.97
1 mM SA	polysaccharide biosynthetic process	11	0.39	0.69051	0.99
1 mM SA	response to cold	19	0.67	0.69073	0.97
1 mM SA	nucleotide-sugar metabolic process	3	0.11	0.69139	1.29
1 mM SA	response to ozone	3	0.11	0.69139	1.29
1 mM SA	cellulose metabolic process	7	0.25	0.69456	1.02
1 mM SA	terpenoid metabolic process	9	0.32	0.69756	0.99

1 mM SA	developmental growth	16	0.56	0.69778	0.96
1 mM SA	response to reactive oxygen species	12	0.42	0.70521	0.97
1 mM SA	response to cytokinin stimulus	7	0.25	0.70948	1.01
1 mM SA	glutamine family amino acid metabolic process	6	0.21	0.71074	1.02
1 mM SA	phenylpropanoid biosynthetic process	10	0.35	0.71213	0.97
1 mM SA	regulation of cell cycle	11	0.39	0.71408	0.97
1 mM SA	calcium ion transport	3	0.11	0.71606	1.23
1 mM SA	cysteine metabolic process	3	0.11	0.71606	1.23
1 mM SA	microtubule-based process	12	0.42	0.71629	0.96
1 mM SA	toxin catabolic process	4	0.14	0.72215	1.10
1 mM SA	response to far red light	4	0.14	0.72215	1.10
1 mM SA	oligosaccharide biosynthetic process	4	0.14	0.72215	1.10
1 mM SA	toxin metabolic process	4	0.14	0.72215	1.10
1 mM SA	glycerolipid metabolic process	7	0.25	0.72388	0.99
1 mM SA	telomere maintenance	2	0.07	0.72418	1.64
1 mM SA	lignan biosynthetic process	2	0.07	0.72418	1.64
1 mM SA	cotyledon vascular tissue pattern formation	2	0.07	0.72418	1.64
1 mM SA	chloroplast fission	2	0.07	0.72418	1.64
1 mM SA	response to hypoxia	2	0.07	0.72418	1.64
1 mM SA	monovalent inorganic cation homeostasis	2	0.07	0.72418	1.64
1 mM SA	pollen exine formation	2	0.07	0.72418	1.64
1 mM SA	anatomical structure homeostasis	2	0.07	0.72418	1.64
1 mM SA	lignan metabolic process	2	0.07	0.72418	1.64
1 mM SA	seed maturation	2	0.07	0.72418	1.64
1 mM SA	photosynthesis, dark reaction	2	0.07	0.72418	1.64
1 mM SA	positive regulation of cellular component organization	2	0.07	0.72418	1.64
1 mM SA	negative regulation of programmed cell death	2	0.07	0.72418	1.64
1 mM SA	phosphatidylcholine metabolic process	2	0.07	0.72418	1.64
1 mM SA	telomere organization	2	0.07	0.72418	1.64
1 mM SA	detection of chemical stimulus	2	0.07	0.72418	1.64
1 mM SA	response to oxygen levels	2	0.07	0.72418	1.64
1 mM SA	primary shoot apical meristem specification	2	0.07	0.72418	1.64
1 mM SA	tRNA processing	6	0.21	0.72632	1.01
1 mM SA	post-embryonic development	75	2.65	0.73013	0.95
1 mM SA	flavonoid metabolic process	5	0.18	0.73136	1.03
1 mM SA	positive regulation of transcription	5	0.18	0.73136	1.03
1 mM SA	ncRNA processing	11	0.39	0.73647	0.95
1 mM SA	carboxylic acid transport	7	0.25	0.73779	0.97
1 mM SA	organic acid transport	7	0.25	0.73779	0.97
1 mM SA	vacuolar transport	3	0.11	0.73906	1.18
1 mM SA	root hair elongation	3	0.11	0.73906	1.18
1 mM SA	genetic transfer	3	0.11	0.73906	1.18
1 mM SA	DNA mediated transformation	3	0.11	0.73906	1.18
1 mM SA	positive regulation of cellular biosynthetic process	6	0.21	0.74128	0.99
1 mM SA	positive regulation of biosynthetic process	6	0.21	0.74128	0.99
1 mM SA	DNA metabolic process	34	1.20	0.74348	0.94
1 mM SA	ion transmembrane transport	5	0.18	0.74762	1.01
1 mM SA	coenzyme catabolic process	5	0.18	0.74762	1.01
1 mM SA	positive regulation of gene expression	5	0.18	0.74762	1.01

1 mM SA	DNA replication	12	0.42	0.74791	0.94
1 mM SA	carbohydrate transport	8	0.28	0.74864	0.95
1 mM SA	ethanolamine and derivative metabolic process	2	0.07	0.75467	1.51
1 mM SA	cellular iron ion homeostasis	2	0.07	0.75467	1.51
1 mM SA	auxin homeostasis	2	0.07	0.75467	1.51
1 mM SA	regulation of cyclin-dependent protein kinase activity	2	0.07	0.75467	1.51
1 mM SA	starch catabolic process	2	0.07	0.75467	1.51
1 mM SA	L-phenylalanine metabolic process	2	0.07	0.75467	1.51
1 mM SA	amino acid transport	6	0.21	0.75564	0.97
1 mM SA	negative regulation of flower development	4	0.14	0.75894	1.03
1 mM SA	senescence	3	0.11	0.76044	1.13
1 mM SA	regulation of stomatal movement	3	0.11	0.76044	1.13
1 mM SA	sulfur amino acid biosynthetic process	5	0.18	0.76312	0.98
1 mM SA	response to abiotic stimulus	102	3.60	0.76705	0.95
1 mM SA	shoot morphogenesis	13	0.46	0.76790	0.92
1 mM SA	response to red or far red light	14	0.49	0.76850	0.92
1 mM SA	glycerophospholipid metabolic process	6	0.21	0.76939	0.95
1 mM SA	amine transport	6	0.21	0.76939	0.95
1 mM SA	RNA splicing	9	0.32	0.77000	0.93
1 mM SA	response to inorganic substance	47	1.66	0.77351	0.93
1 mM SA	cell wall biogenesis	7	0.25	0.77647	0.93
1 mM SA	negative regulation of transcription	5	0.18	0.77787	0.96
1 mM SA	regulation of meristem development	5	0.18	0.77787	0.96
1 mM SA	regulation of kinase activity	3	0.11	0.78029	1.09
1 mM SA	plant-type cell wall loosening	3	0.11	0.78029	1.09
1 mM SA	regulation of protein kinase activity	3	0.11	0.78029	1.09
1 mM SA	phospholipid transport	2	0.07	0.78180	1.39
1 mM SA	cellular component assembly involved in morphogenesis	2	0.07	0.78180	1.39
1 mM SA	phototropism	2	0.07	0.78180	1.39
1 mM SA	pollen wall assembly	2	0.07	0.78180	1.39
1 mM SA	biopolymer methylation	6	0.21	0.78254	0.94
1 mM SA	oxidative phosphorylation	6	0.21	0.78254	0.94
1 mM SA	developmental growth involved in morphogenesis	13	0.46	0.78581	0.90
1 mM SA	unidimensional cell growth	13	0.46	0.78581	0.90
1 mM SA	response to ethylene stimulus	20	0.71	0.79041	0.90
1 mM SA	regulation of organelle organization	4	0.14	0.79170	0.98
1 mM SA	rRNA metabolic process	5	0.18	0.79188	0.94
1 mM SA	rRNA processing	5	0.18	0.79188	0.94
1 mM SA	glycerophospholipid biosynthetic process	3	0.11	0.79868	1.04
1 mM SA	response to metal ion	33	1.17	0.79932	0.91
1 mM SA	oxygen and reactive oxygen species metabolic process	9	0.32	0.80115	0.89
1 mM SA	ubiquitin-dependent protein catabolic process	25	0.88	0.80338	0.90
1 mM SA	biogenic amine metabolic process	5	0.18	0.80517	0.92
1 mM SA	isoprenoid metabolic process	11	0.39	0.80534	0.89
1 mM SA	plastid fission	2	0.07	0.80593	1.29
1 mM SA	cellular protein complex disassembly	2	0.07	0.80593	1.29
1 mM SA	pectin metabolic process	2	0.07	0.80593	1.29
1 mM SA	cold acclimation	2	0.07	0.80593	1.29
1 mM SA	apocarotenoid metabolic process	2	0.07	0.80593	1.29

1 mM SA	response to nitrate	2	0.07	0.80593	1.29
1 mM SA	cellular polysaccharide catabolic process	2	0.07	0.80593	1.29
1 mM SA	DNA duplex unwinding	2	0.07	0.80593	1.29
1 mM SA	vesicle coating	2	0.07	0.80593	1.29
1 mM SA	cytochrome complex assembly	2	0.07	0.80593	1.29
1 mM SA	inositol metabolic process	2	0.07	0.80593	1.29
1 mM SA	abscisic acid metabolic process	2	0.07	0.80593	1.29
1 mM SA	cellular macromolecular complex disassembly	2	0.07	0.80593	1.29
1 mM SA	clathrin coat assembly	2	0.07	0.80593	1.29
1 mM SA	triterpenoid metabolic process	2	0.07	0.80593	1.29
1 mM SA	DNA geometric change	2	0.07	0.80593	1.29
1 mM SA	disaccharide metabolic process	4	0.14	0.80663	0.95
1 mM SA	RNA splicing, via transesterification reactions	4	0.14	0.80663	0.95
1 mM SA	RNA splicing, via transesterification reactions with bulged adenosine	4	0.14	0.80663	0.95
1 mM SA	cytokinesis	4	0.14	0.80663	0.95
1 mM SA	protein amino acid dephosphorylation	6	0.21	0.80709	0.90
1 mM SA	reproductive structure development	62	2.19	0.81115	0.92
1 mM SA	detection of stimulus	6	0.21	0.81852	0.89
1 mM SA	plant-type hypersensitive response	4	0.14	0.82065	0.93
1 mM SA	pollen-pistil interaction	4	0.14	0.82065	0.93
1 mM SA	aromatic compound biosynthetic process	16	0.56	0.82344	0.88
1 mM SA	regulation of flower development	8	0.28	0.82479	0.87
1 mM SA	protein import into nucleus, docking	2	0.07	0.82739	1.21
1 mM SA	macromolecular complex disassembly	2	0.07	0.82739	1.21
1 mM SA	regulation of cell shape	2	0.07	0.82739	1.21
1 mM SA	floral organ formation	2	0.07	0.82739	1.21
1 mM SA	stomatal complex morphogenesis	2	0.07	0.82739	1.21
1 mM SA	GPI anchor biosynthetic process	2	0.07	0.82739	1.21
1 mM SA	cysteine biosynthetic process from serine	2	0.07	0.82739	1.21
1 mM SA	malate metabolic process	2	0.07	0.82739	1.21
1 mM SA	protein complex disassembly	2	0.07	0.82739	1.21
1 mM SA	microsporogenesis	2	0.07	0.82739	1.21
1 mM SA	electron transport chain	11	0.39	0.83041	0.87
1 mM SA	regulation of transferase activity	3	0.11	0.83141	0.97
1 mM SA	ovule development	3	0.11	0.83141	0.97
1 mM SA	regulation of cell death	3	0.11	0.83141	0.97
1 mM SA	serine family amino acid biosynthetic process	3	0.11	0.83141	0.97
1 mM SA	cell proliferation	3	0.11	0.83141	0.97
1 mM SA	cell cycle	21	0.74	0.83566	0.88
1 mM SA	generation of precursor metabolites and energy	30	1.06	0.83631	0.89
1 mM SA	one-carbon metabolic process	9	0.32	0.83759	0.86
1 mM SA	abscisic acid mediated signaling	6	0.21	0.83973	0.86
1 mM SA	glucan biosynthetic process	7	0.25	0.84067	0.86
1 mM SA	cellular lipid catabolic process	5	0.18	0.84095	0.87
1 mM SA	response to UV	5	0.18	0.84095	0.87
1 mM SA	cellular protein complex assembly	10	0.35	0.84154	0.85
1 mM SA	cellular response to stress	36	1.27	0.84265	0.89
1 mM SA	folic acid and derivative metabolic process	3	0.11	0.84590	0.94
1 mM SA	pollen germination	3	0.11	0.84590	0.94

1 mM SA	regulation of growth	4	0.14	0.84611	0.88
1 mM SA	tricarboxylic acid cycle	4	0.14	0.84611	0.88
1 mM SA	acetyl-CoA catabolic process	4	0.14	0.84611	0.88
1 mM SA	regulation of catabolic process	2	0.07	0.84648	1.13
1 mM SA	reproductive cellular process	10	0.35	0.84924	0.85
1 mM SA	methylation	6	0.21	0.84955	0.85
1 mM SA	response to temperature stimulus	26	0.92	0.85298	0.87
1 mM SA	phosphoinositide metabolic process	4	0.14	0.85762	0.86
1 mM SA	dicarboxylic acid metabolic process	6	0.21	0.85886	0.84
1 mM SA	terpene metabolic process	3	0.11	0.85926	0.90
1 mM SA	endocytosis	3	0.11	0.85926	0.90
1 mM SA	regulation of phosphorylation	3	0.11	0.85926	0.90
1 mM SA	membrane fusion	3	0.11	0.85926	0.90
1 mM SA	regulation of innate immune response	3	0.11	0.85926	0.90
1 mM SA	hyperosmotic salinity response	3	0.11	0.85926	0.90
1 mM SA	lignin biosynthetic process	3	0.11	0.85926	0.90
1 mM SA	branched chain family amino acid metabolic process	3	0.11	0.85926	0.90
1 mM SA	glycerolipid biosynthetic process	3	0.11	0.85926	0.90
1 mM SA	membrane invagination	3	0.11	0.85926	0.90
1 mM SA	membrane organization	9	0.32	0.86131	0.83
1 mM SA	cofactor catabolic process	5	0.18	0.86160	0.84
1 mM SA	response to light intensity	5	0.18	0.86160	0.84
1 mM SA	monovalent inorganic cation transport	12	0.42	0.86330	0.84
1 mM SA	sesquiterpene metabolic process	2	0.07	0.86346	1.06
1 mM SA	GPI anchor metabolic process	2	0.07	0.86346	1.06
1 mM SA	sesquiterpenoid metabolic process	2	0.07	0.86346	1.06
1 mM SA	membrane budding	2	0.07	0.86346	1.06
1 mM SA	intra-Golgi vesicle-mediated transport	2	0.07	0.86346	1.06
1 mM SA	regulation of cellular ketone metabolic process	2	0.07	0.86346	1.06
1 mM SA	cell division	14	0.49	0.86455	0.84
1 mM SA	cellular response to hormone stimulus	33	1.17	0.86539	0.87
1 mM SA	hormone-mediated signaling	33	1.17	0.86539	0.87
1 mM SA	photomorphogenesis	4	0.14	0.86836	0.84
1 mM SA	developmental maturation	4	0.14	0.86836	0.84
1 mM SA	negative regulation of nitrogen compound metabolic process	5	0.18	0.87103	0.82
1 mM SA	negative regulation of nucleobase, nucleoside, nucleotide metabolic process	5	0.18	0.87103	0.82
1 mM SA	sterol biosynthetic process	3	0.11	0.87154	0.88
1 mM SA	phenylpropanoid metabolic process	11	0.39	0.87301	0.82
1 mM SA	small GTPase mediated signal transduction	7	0.25	0.87454	0.81
1 mM SA	terpenoid biosynthetic process	6	0.21	0.87604	0.81
1 mM SA	zinc ion transport	2	0.07	0.87856	1.01
1 mM SA	vesicle organization	2	0.07	0.87856	1.01
1 mM SA	aromatic compound catabolic process	2	0.07	0.87856	1.01
1 mM SA	branched chain family amino acid biosynthetic process	2	0.07	0.87856	1.01
1 mM SA	meristem initiation	2	0.07	0.87856	1.01
1 mM SA	DNA topological change	2	0.07	0.87856	1.01
1 mM SA	DNA endoreduplication	2	0.07	0.87856	1.01
1 mM SA	negative regulation of gene expression, epigenetic	2	0.07	0.87856	1.01
1 mM SA	galactose metabolic process	2	0.07	0.87856	1.01

1 mM SA	negative regulation of macromolecule biosynthetic process	5	0.18	0.87991	0.81
1 mM SA	reproductive developmental process	67	2.37	0.88092	0.90
1 mM SA	nuclear mRNA splicing, via spliceosome	3	0.11	0.88283	0.85
1 mM SA	photoperiodism	3	0.11	0.88283	0.85
1 mM SA	regulation of phosphate metabolic process	3	0.11	0.88283	0.85
1 mM SA	regulation of phosphorus metabolic process	3	0.11	0.88283	0.85
1 mM SA	growth	19	0.67	0.88338	0.83
1 mM SA	mRNA processing	10	0.35	0.88340	0.81
1 mM SA	developmental cell growth	6	0.21	0.88394	0.80
1 mM SA	carbohydrate catabolic process	16	0.56	0.88760	0.82
1 mM SA	aerobic respiration	4	0.14	0.88773	0.80
1 mM SA	oligosaccharide metabolic process	4	0.14	0.88773	0.80
1 mM SA	meiotic cell cycle	5	0.18	0.88825	0.79
1 mM SA	secondary metabolic process	31	1.09	0.89130	0.85
1 mM SA	regulation of protein complex assembly	2	0.07	0.89200	0.95
1 mM SA	post-embryonic organ morphogenesis	2	0.07	0.89200	0.95
1 mM SA	floral organ morphogenesis	2	0.07	0.89200	0.95
1 mM SA	adaxial/abaxial pattern formation	2	0.07	0.89200	0.95
1 mM SA	phosphatidylinositol metabolic process	2	0.07	0.89200	0.95
1 mM SA	regulation of cellular component biogenesis	2	0.07	0.89200	0.95
1 mM SA	root hair cell differentiation	3	0.11	0.89320	0.82
1 mM SA	cell-cell signaling	3	0.11	0.89320	0.82
1 mM SA	cell maturation	3	0.11	0.89320	0.82
1 mM SA	trichoblast maturation	3	0.11	0.89320	0.82
1 mM SA	starch metabolic process	3	0.11	0.89320	0.82
1 mM SA	detection of abiotic stimulus	4	0.14	0.89642	0.79
1 mM SA	nucleosome organization	4	0.14	0.89642	0.79
1 mM SA	nucleosome assembly	4	0.14	0.89642	0.79
1 mM SA	DNA-dependent DNA replication	4	0.14	0.89642	0.79
1 mM SA	cellular macromolecular complex subunit organization	16	0.56	0.89696	0.81
1 mM SA	pollen development	10	0.35	0.90065	0.79
1 mM SA	sterol metabolic process	3	0.11	0.90271	0.80
1 mM SA	recognition of pollen	3	0.11	0.90271	0.80
1 mM SA	cell recognition	3	0.11	0.90271	0.80
1 mM SA	peptide transport	5	0.18	0.90342	0.77
1 mM SA	oligopeptide transport	5	0.18	0.90342	0.77
1 mM SA	cellular amino acid derivative catabolic process	2	0.07	0.90395	0.90
1 mM SA	cytokinesis during cell cycle	2	0.07	0.90395	0.90
1 mM SA	folic acid and derivative biosynthetic process	2	0.07	0.90395	0.90
1 mM SA	nucleotide-excision repair	2	0.07	0.90395	0.90
1 mM SA	regulation of actin filament-based process	2	0.07	0.90395	0.90
1 mM SA	regulation of actin cytoskeleton organization	2	0.07	0.90395	0.90
1 mM SA	proteolysis	86	3.04	0.90785	0.89
1 mM SA	negative regulation of cellular biosynthetic process	5	0.18	0.91031	0.75
1 mM SA	negative regulation of biosynthetic process	5	0.18	0.91031	0.75
1 mM SA	ribosome biogenesis	11	0.39	0.91132	0.78
1 mM SA	trichoblast differentiation	3	0.11	0.91142	0.78
1 mM SA	multidimensional cell growth	3	0.11	0.91142	0.78
1 mM SA	chromatin assembly	4	0.14	0.91202	0.75

1 mM SA	RNA processing	30	1.06	0.91417	0.83
1 mM SA	protein amino acid autophosphorylation	2	0.07	0.91457	0.86
1 mM SA	positive regulation of RNA metabolic process	2	0.07	0.91457	0.86
1 mM SA	phosphoinositide biosynthetic process	2	0.07	0.91457	0.86
1 mM SA	regulation of cell morphogenesis	2	0.07	0.91457	0.86
1 mM SA	protein targeting to chloroplast	2	0.07	0.91457	0.86
1 mM SA	protein-DNA complex assembly	4	0.14	0.91898	0.74
1 mM SA	aromatic amino acid family metabolic process	4	0.14	0.91898	0.74
1 mM SA	nucleoside metabolic process	4	0.14	0.91898	0.74
1 mM SA	hyperosmotic response	3	0.11	0.91940	0.75
1 mM SA	polyol metabolic process	3	0.11	0.91940	0.75
1 mM SA	mRNA metabolic process	11	0.39	0.92029	0.77
1 mM SA	chromatin modification	11	0.39	0.92029	0.77
1 mM SA	response to cadmium ion	26	0.92	0.92191	0.82
1 mM SA	isoprenoid biosynthetic process	8	0.28	0.92210	0.75
1 mM SA	epidermal cell differentiation	8	0.28	0.92210	0.75
1 mM SA	response to heat	8	0.28	0.92210	0.75
1 mM SA	cellular macromolecular complex assembly	14	0.49	0.92241	0.78
1 mM SA	nucleocytoplasmic transport	5	0.18	0.92277	0.73
1 mM SA	cell tip growth	5	0.18	0.92277	0.73
1 mM SA	nuclear transport	5	0.18	0.92277	0.73
1 mM SA	negative regulation of molecular function	5	0.18	0.92277	0.73
1 mM SA	terpene biosynthetic process	2	0.07	0.92403	0.82
1 mM SA	cotyledon development	2	0.07	0.92403	0.82
1 mM SA	response to glucose stimulus	2	0.07	0.92403	0.82
1 mM SA	base-excision repair	2	0.07	0.92403	0.82
1 mM SA	defense response to fungus, incompatible interaction	2	0.07	0.92403	0.82
1 mM SA	cell wall macromolecule catabolic process	2	0.07	0.92403	0.82
1 mM SA	methionine biosynthetic process	2	0.07	0.92403	0.82
1 mM SA	negative regulation of transcription, DNA-dependent	2	0.07	0.92403	0.82
1 mM SA	negative regulation of RNA metabolic process	2	0.07	0.92403	0.82
1 mM SA	detection of external stimulus	4	0.14	0.92544	0.72
1 mM SA	negative regulation of post-embryonic development	4	0.14	0.92544	0.72
1 mM SA	potassium ion transport	4	0.14	0.92544	0.72
1 mM SA	plant-type cell wall biogenesis	4	0.14	0.92544	0.72
1 mM SA	aromatic amino acid family biosynthetic process	3	0.11	0.92669	0.73
1 mM SA	cellulose biosynthetic process	3	0.11	0.92669	0.73
1 mM SA	chorismate metabolic process	3	0.11	0.92669	0.73
1 mM SA	chromatin assembly or disassembly	5	0.18	0.92840	0.72
1 mM SA	pollination	10	0.35	0.92878	0.75
1 mM SA	epidermis development	8	0.28	0.93121	0.73
1 mM SA	ectoderm development	8	0.28	0.93121	0.73
1 mM SA	response to nematode	4	0.14	0.93143	0.71
1 mM SA	response to hexose stimulus	2	0.07	0.93243	0.79
1 mM SA	glutamine metabolic process	2	0.07	0.93243	0.79
1 mM SA	response to monosaccharide stimulus	2	0.07	0.93243	0.79
1 mM SA	stomatal complex development	2	0.07	0.93243	0.79
1 mM SA	shoot development	20	0.71	0.93370	0.79
1 mM SA	ribonucleoprotein complex biogenesis	11	0.39	0.93593	0.74

1 mM SA	acetyl-CoA metabolic process	4	0.14	0.93697	0.70
1 mM SA	water-soluble vitamin biosynthetic process	4	0.14	0.93697	0.70
1 mM SA	nitrogen compound biosynthetic process	40	1.41	0.93723	0.83
1 mM SA	vitamin biosynthetic process	5	0.18	0.93856	0.70
1 mM SA	shoot system development	20	0.71	0.93921	0.78
1 mM SA	steroid biosynthetic process	3	0.11	0.93946	0.70
1 mM SA	aspartate family amino acid biosynthetic process	3	0.11	0.93946	0.70
1 mM SA	cellular amino acid catabolic process	3	0.11	0.93946	0.70
1 mM SA	lipoprotein metabolic process	2	0.07	0.93991	0.75
1 mM SA	protein amino acid lipidation	2	0.07	0.93991	0.75
1 mM SA	lipoprotein biosynthetic process	2	0.07	0.93991	0.75
1 mM SA	G-protein coupled receptor protein signaling pathway	2	0.07	0.93991	0.75
1 mM SA	glutamine family amino acid biosynthetic process	2	0.07	0.93991	0.75
1 mM SA	cell growth	15	0.53	0.93998	0.76
1 mM SA	regulation of cell size	16	0.56	0.94065	0.76
1 mM SA	regulation of cellular component size	17	0.60	0.94144	0.77
1 mM SA	DNA repair	14	0.49	0.94247	0.75
1 mM SA	protein targeting	9	0.32	0.94474	0.71
1 mM SA	root epidermal cell differentiation	3	0.11	0.94502	0.68
1 mM SA	macromolecule catabolic process	56	1.98	0.94540	0.84
1 mM SA	leaf morphogenesis	7	0.25	0.94584	0.70
1 mM SA	regulation of programmed cell death	2	0.07	0.94656	0.72
1 mM SA	regulation of cytoskeleton organization	2	0.07	0.94656	0.72
1 mM SA	protein targeting to membrane	2	0.07	0.94656	0.72
1 mM SA	regulation of post-embryonic development	10	0.35	0.94669	0.72
1 mM SA	DNA packaging	4	0.14	0.94683	0.67
1 mM SA	chloroplast organization	4	0.14	0.94683	0.67
1 mM SA	water-soluble vitamin metabolic process	4	0.14	0.94683	0.67
1 mM SA	cellular respiration	5	0.18	0.94740	0.68
1 mM SA	vitamin metabolic process	5	0.18	0.94740	0.68
1 mM SA	cellular component morphogenesis	16	0.56	0.94868	0.75
1 mM SA	lipid modification	3	0.11	0.95009	0.66
1 mM SA	tropism	3	0.11	0.95009	0.66
1 mM SA	chromatin organization	15	0.53	0.95084	0.74
1 mM SA	red or far red light signaling pathway	4	0.14	0.95120	0.66
1 mM SA	detection of light stimulus	3	0.11	0.95471	0.65
1 mM SA	amine catabolic process	3	0.11	0.95471	0.65
1 mM SA	red, far-red light phototransduction	3	0.11	0.95471	0.65
1 mM SA	lignin metabolic process	3	0.11	0.95471	0.65
1 mM SA	phototransduction	3	0.11	0.95471	0.65
1 mM SA	regulation of cellular protein metabolic process	3	0.11	0.95471	0.65
1 mM SA	DNA recombination	4	0.14	0.95523	0.65
1 mM SA	embryonic development ending in seed dormancy	28	0.99	0.95695	0.78
1 mM SA	seed germination	2	0.07	0.95774	0.67
1 mM SA	positive regulation of defense response	2	0.07	0.95774	0.67
1 mM SA	protein polymerization	2	0.07	0.95774	0.67
1 mM SA	cell morphogenesis	14	0.49	0.95789	0.72
1 mM SA	fruit development	34	1.20	0.96003	0.79
1 mM SA	response to DNA damage stimulus	14	0.49	0.96007	0.72

1 mM SA	phyllome development	13	0.46	0.96038	0.71
1 mM SA	glycolysis	5	0.18	0.96167	0.64
1 mM SA	chromosome organization	18	0.64	0.96232	0.74
1 mM SA	negative regulation of catalytic activity	4	0.14	0.96239	0.62
1 mM SA	mitochondrion organization	2	0.07	0.96242	0.65
1 mM SA	amine biosynthetic process	14	0.49	0.96414	0.71
1 mM SA	enzyme linked receptor protein signaling pathway	9	0.32	0.96439	0.67
1 mM SA	transmembrane receptor protein tyrosine kinase signaling pathway	9	0.32	0.96439	0.67
1 mM SA	steroid metabolic process	4	0.14	0.96554	0.61
1 mM SA	carboxylic acid catabolic process	5	0.18	0.96737	0.62
1 mM SA	organic acid catabolic process	5	0.18	0.96737	0.62
1 mM SA	energy derivation by oxidation of organic compounds	5	0.18	0.96737	0.62
1 mM SA	cell cycle process	9	0.32	0.96871	0.66
1 mM SA	seed development	32	1.13	0.96911	0.77
1 mM SA	protein catabolic process	45	1.59	0.96942	0.80
1 mM SA	fatty acid oxidation	2	0.07	0.97028	0.60
1 mM SA	lipid oxidation	2	0.07	0.97028	0.60
1 mM SA	photorespiration	2	0.07	0.97028	0.60
1 mM SA	pollen tube growth	3	0.11	0.97231	0.58
1 mM SA	mitotic cell cycle	3	0.11	0.97231	0.58
1 mM SA	positive regulation of response to stimulus	3	0.11	0.97231	0.58
1 mM SA	protein complex biogenesis	12	0.42	0.97238	0.68
1 mM SA	protein complex assembly	12	0.42	0.97238	0.68
1 mM SA	leaf development	11	0.39	0.97330	0.67
1 mM SA	indole derivative biosynthetic process	2	0.07	0.97357	0.58
1 mM SA	biogenic amine biosynthetic process	2	0.07	0.97357	0.58
1 mM SA	vegetative to reproductive phase transition	4	0.14	0.97358	0.58
1 mM SA	plastid organization	6	0.21	0.97438	0.61
1 mM SA	pigment biosynthetic process	5	0.18	0.97446	0.60
1 mM SA	organelle fission	4	0.14	0.97584	0.57
1 mM SA	cell surface receptor linked signal transduction	11	0.39	0.97781	0.65
1 mM SA	cellular amino acid biosynthetic process	12	0.42	0.97824	0.66
1 mM SA	modification-dependent macromolecule catabolic process	42	1.48	0.97921	0.78
1 mM SA	modification-dependent protein catabolic process	42	1.48	0.97921	0.78
1 mM SA	macromolecular complex subunit organization	18	0.64	0.97939	0.70
1 mM SA	cellular metabolic compound salvage	3	0.11	0.97947	0.54
1 mM SA	translation	38	1.34	0.98110	0.77
1 mM SA	indole derivative metabolic process	2	0.07	0.98142	0.53
1 mM SA	auxin polar transport	2	0.07	0.98142	0.53
1 mM SA	ribonucleoside metabolic process	2	0.07	0.98142	0.53
1 mM SA	indole and derivative metabolic process	2	0.07	0.98142	0.53
1 mM SA	regulation of translation	2	0.07	0.98142	0.53
1 mM SA	proteolysis involved in cellular protein catabolic process	42	1.48	0.98143	0.77
1 mM SA	trichome differentiation	3	0.11	0.98144	0.53
1 mM SA	hair cell differentiation	3	0.11	0.98144	0.53
1 mM SA	protein folding	16	0.56	0.98286	0.68
1 mM SA	tube development	4	0.14	0.98317	0.54
1 mM SA	pollen tube development	4	0.14	0.98317	0.54
1 mM SA	cellular protein catabolic process	42	1.48	0.98465	0.77

1 mM SA	protein import into nucleus	2	0.07	0.98531	0.50
1 mM SA	hormone transport	2	0.07	0.98531	0.50
1 mM SA	macromolecular complex assembly	16	0.56	0.98550	0.67
1 mM SA	cell cycle phase	5	0.18	0.98578	0.54
1 mM SA	nuclear import	2	0.07	0.98694	0.49
1 mM SA	protein import	4	0.14	0.98722	0.52
1 mM SA	biopolymer glycosylation	3	0.11	0.98761	0.49
1 mM SA	negative regulation of response to stimulus	3	0.11	0.98761	0.49
1 mM SA	protein amino acid glycosylation	3	0.11	0.98761	0.49
1 mM SA	glycosylation	3	0.11	0.98761	0.49
1 mM SA	glycoprotein biosynthetic process	3	0.11	0.98761	0.49
1 mM SA	cytokinin mediated signaling	2	0.07	0.98838	0.48
1 mM SA	cell wall macromolecule metabolic process	2	0.07	0.98838	0.48
1 mM SA	protein localization in nucleus	2	0.07	0.98838	0.48
1 mM SA	M phase	4	0.14	0.98937	0.50
1 mM SA	trichome morphogenesis	2	0.07	0.98967	0.46
1 mM SA	glycoprotein metabolic process	3	0.11	0.98990	0.48
1 mM SA	cellular carbohydrate catabolic process	8	0.28	0.99064	0.57
1 mM SA	meiosis	2	0.07	0.99082	0.45
1 mM SA	M phase of meiotic cell cycle	2	0.07	0.99082	0.45
1 mM SA	Golgi vesicle transport	3	0.11	0.99088	0.47
1 mM SA	pigment metabolic process	5	0.18	0.99151	0.51
1 mM SA	cell morphogenesis involved in differentiation	5	0.18	0.99222	0.50
1 mM SA	alcohol catabolic process	6	0.21	0.99225	0.52
1 mM SA	cellular macromolecule catabolic process	43	1.52	0.99236	0.74
1 mM SA	nucleobase, nucleoside, nucleotide and nucleic acid transport	2	0.07	0.99274	0.43
1 mM SA	porphyrin biosynthetic process	2	0.07	0.99354	0.42
1 mM SA	intracellular protein transport	17	0.60	0.99404	0.63
1 mM SA	glucose catabolic process	5	0.18	0.99453	0.48
1 mM SA	tetrapyrrole biosynthetic process	2	0.07	0.99490	0.40
1 mM SA	hexose catabolic process	5	0.18	0.99499	0.48
1 mM SA	monosaccharide catabolic process	5	0.18	0.99499	0.48
1 mM SA	protein localization in organelle	3	0.11	0.99509	0.42
1 mM SA	secretion by cell	2	0.07	0.99546	0.39
1 mM SA	secretion	2	0.07	0.99546	0.39
1 mM SA	hexose metabolic process	8	0.28	0.99593	0.52
1 mM SA	coenzyme metabolic process	11	0.39	0.99603	0.56
1 mM SA	transcription, DNA-dependent	3	0.11	0.99641	0.41
1 mM SA	transcription initiation	2	0.07	0.99641	0.38
1 mM SA	intracellular transport	26	0.92	0.99659	0.66
1 mM SA	cellular protein localization	17	0.60	0.99673	0.61
1 mM SA	coenzyme biosynthetic process	4	0.14	0.99690	0.43
1 mM SA	RNA biosynthetic process	3	0.11	0.99708	0.39
1 mM SA	cellular macromolecule localization	18	0.64	0.99730	0.61
1 mM SA	vesicle-mediated transport	17	0.60	0.99759	0.59
1 mM SA	histone modification	2	0.07	0.99776	0.35
1 mM SA	glucose metabolic process	5	0.18	0.99777	0.43
1 mM SA	protein transport	31	1.09	0.99796	0.66
1 mM SA	establishment of protein localization	31	1.09	0.99796	0.66

1 mM SA	monosaccharide metabolic process	9	0.32	0.99822	0.50
1 mM SA	mitochondrial transport	2	0.07	0.99823	0.34
1 mM SA	covalent chromatin modification	2	0.07	0.99843	0.33
1 mM SA	tetrapyrrole metabolic process	2	0.07	0.99843	0.33
1 mM SA	porphyrin metabolic process	2	0.07	0.99843	0.33
1 mM SA	protein ubiquitination	5	0.18	0.99872	0.41
1 mM SA	protein modification by small protein conjugation	5	0.18	0.99912	0.40
1 mM SA	protein localization	31	1.09	0.99912	0.64
1 mM SA	heterocycle biosynthetic process	5	0.18	0.99920	0.39
1 mM SA	cofactor metabolic process	15	0.53	0.99923	0.54
1 mM SA	cofactor biosynthetic process	7	0.25	0.99926	0.43
1 mM SA	translational initiation	2	0.07	0.99931	0.29
1 mM SA	protein modification by small protein conjugation or removal	5	0.18	0.99981	0.35

## Supporting References

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